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UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF MICHIGAN  
SOUTHERN DIVISION

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In Re: AUTOMOTIVE PARTS )  
ANTITRUST LITIGATION ) 12-md-02311  
Honorable Marianne O. Battani )  
2:13-cv-01803-MOB-MKM )  
In re: INVERTERS )  
CONSOLIDATED AMENDED )  
CLASS ACTION COMPLAINT )  
THIS RELATES TO: )  
ALL END-PAYOR ACTIONS )  
JURY TRIAL DEMANDED )

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Plaintiffs Ifeoma Adams, Halley Ascher, Gregory Asken, Melissa Barron, Kimberly Bennett, David Bernstein, Ron Blau, Tenisha Burgos, Kent Busek, Jennifer Chase, Rita Cornish, Nathan Croom, Lori Curtis, Jessica Decastro, Alena Farrell, Jane Fitzgerald, Carroll Gibbs, Dori Gilels, Jason Grala, Ian Groves, Curtis Gunnerson, Paul Gustafson, Tom Halverson, Curtis Harr, Andrew Hedlund, Gary Arthur Herr, John Hollingsworth, Leonard Julian, Carol Ann Kashishian, Elizabeth Kaufmann, Robert Klingler, Kelly Klosterman, James Marean, Michelle McGinn, Nilsa Mercado, Rebecca Lynn Morrow, Edward Muscara, Stacey Nickell, Sophie O’Keefe-Zelman, Roger Olson, Susan Olson, William Picotte, Whitney Porter, Cindy Prince, Janne Rice, Robert Rice, Jr., Frances Gammell-Roach, Darrel Senior, Meetesh Shah, Darcy Sherman, Erica Shoaf, Arthur Stukey, Kathleen Tawney, Jane Taylor, Keith Uehara, Michael Wick, Thomas Wilson and Phillip Young (“Plaintiffs”), on behalf of themselves and all others similarly situated (the “Classes” as defined below), upon personal knowledge as to the facts pertaining to themselves and upon information and belief as to all other matters, and based on the investigation of counsel, bring this class action for damages, injunctive relief, and other relief pursuant to federal antitrust laws and state antitrust, unfair competition, consumer protection, and unjust enrichment laws, and allege as follows:

### **NATURE OF ACTION**

1. This lawsuit is brought as a proposed class action against Defendants Hitachi Automotive Systems, Ltd., Hitachi Automotive Systems Americas, Inc. (together, “Hitachi”), DENSO Corp., DENSO International America, Inc. (together, “DENSO”) (collectively, “Defendants”) and unnamed co-conspirators, manufacturers and/or suppliers of Inverters (defined below) globally and in the United States, for engaging in a long-running conspiracy to unlawfully fix, raise, maintain and/or stabilize prices, rig bids for, and allocate the market and

## REDACTED

customers in the United States for Inverters. (defined below). According to the United States Department of Justice (“DOJ”), Defendants’ conspiracy successfully targeted the long-struggling United States automotive industry, raising prices for car manufacturers and consumers alike.

2. “Inverters” provide power to motors by converting direct current (“DC”) electricity from a vehicle’s battery to alternating current (“AC”) electricity.

3. Plaintiffs seek to represent all persons and entities who, during the period from and including January 1, 2000 through such time as the anti-competitive effects of Defendants’ conduct ceased (“Class Period”), purchased or leased a new vehicle in the United States for personal use and not for resale which included one or more Inverter(s) as a component part, which were manufactured or sold by Defendants, any current or former subsidiary of Defendants or any co-conspirator of Defendants.

4. Defendants manufacture, market, and/or sell Inverters throughout and into the United States. Defendants and their co-conspirators (as yet unknown) agreed, combined, and conspired to fix, raise, maintain and/or stabilize prices, rig bids, and allocate the market and customers in the United States for Inverters.

5. The U.S. Department of Justice’s (“DOJ”) Antitrust Division is currently conducting a broad criminal investigation into illegal price-fixing and bid-rigging in the automotive parts industry. As part of its criminal investigation, the DOJ is seeking information about unlawful anti-competitive conduct in the market for a number of different but related automotive parts, and the Federal Bureau of Investigation (“FBI”) has participated in raids, pursuant to search warrants, carried out in the offices of a number of major competitors in the automotive parts industry. The automotive parts investigation is the largest criminal investigation the Antitrust Division has ever pursued, both in terms of its scope and its impact on

## REDACTED

American consumers and businesses. The ongoing cartel investigation of price-fixing and bid-rigging in the automotive parts industry has yielded more than \$2.4 billion in criminal fines.

6. Defendant DENSO Corporation agreed to plead guilty to a two-count criminal Information and to pay a \$78 million fine for participating in a combination and conspiracy to suppress and eliminate competition in the automotive parts industry by agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, certain electronic control units (“ECUs”) and heater control panels (“HCPs”) sold to an automobile manufacturer in the United States and elsewhere from at least as early as January 2000 until at least February 2010. The combination and conspiracy engaged in by Defendant DENSO Corporation and its co-conspirators was an unreasonable restraint of interstate and foreign trade and commerce in violation of the Sherman Antitrust Act, 15 U.S.C. § 1.

7. In addition to the fact that Defendant DENSO Corporation pleaded guilty and agreed on its own behalf and on behalf of its subsidiaries to cooperating in the government’s investigation, several of its high-ranking executives have pleaded guilty to criminal price-fixing in the automotive parts industry.

8. On March 26, 2012, the DOJ announced that Norihiro Imai, an executive of Defendant DENSO Corporation, agreed to serve one year and one day in a U.S. prison, pay a \$20,000 criminal fine, and plead guilty to a one-count criminal Information charging him with engaging in a conspiracy to rig bids for, and to fix, stabilize and maintain the prices of HCPs sold to customers in the United States and elsewhere.

9. On April 26, 2012, the DOJ announced that Makoto Hattori, an executive of Defendant DENSO Corporation, agreed to serve fourteen months in a U.S. prison, pay a \$20,000 criminal fine, and plead guilty to a one-count criminal Information charging him with engaging

## REDACTED

in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of HCPs sold to a customer in the United States and elsewhere.

10. On May 21, 2013, the DOJ announced that Yuji Suzuki, an executive of Defendant DENSO Corporation, agreed to serve sixteen months in a U.S. prison, pay a \$20,000 criminal fine, and plead guilty to a two-count criminal Information for his role in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of ECUs and HCPs sold in the United States and elsewhere. Also on May 21, 2013, the DOJ announced that Hiroshi Watanabe an executive of Defendant DENSO Corporation, agreed to serve fifteen months in a U.S. prison, pay a \$20,000 criminal fine, and plead guilty to a one-count criminal Information for his role in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of HCPs sold in the United States and elsewhere.

11. On February 20, 2014, the DOJ announced that Kazuaki Fujitani, a former executive of Defendant DENSO Corporation, agreed to serve one year and one day in a U.S. prison and plead guilty to a one-count criminal Information charging him with obstruction of justice for deleting numerous e-mails and electronic documents upon learning the FBI was executing a search warrant on Defendant DENSO International America, Inc. in connection with the DOJ's investigation into a conspiracy to fix the prices of HCPs installed in automobiles sold in the United States and elsewhere.

12. On June 30, 2014, the DOJ announced that Satoru Horisaki, a former executive of Defendant DENSO Corporation, agreed to serve one year and one day in a U.S. prison, pay a \$20,000 criminal fine, and plead guilty to a one-count criminal Information charging him with participating in a conspiracy to agree upon bids and prices for, and allocate the supply of,

## REDACTED

automotive instrument panel clusters sold to Honda of America Manufacturing Co. Inc., in the United States and elsewhere.

13. Defendant Hitachi Automotive Systems, Ltd. agreed to plead guilty and to pay a \$195 million fine for its unlawful conduct in participating in a combination and conspiracy to suppress and eliminate competition in the automotive parts industry by agreeing to allocate the supply of, rig bids for, and fix, stabilize, and maintain the prices of, certain automotive products, including, among other products, Inverters sold to automobile manufacturers, including, Nissan Motor Company, Ltd., Honda Motor Company, Ltd., General Motors Company, Ford Motor Company, Toyota Motor Corporation, Chrysler Group LLC, and Fuji Heavy Industries Ltd., and certain of their subsidiaries, affiliates and suppliers, in the United States and elsewhere, from at least as early as January 2000 until at least February 2010. The combination and conspiracy engaged in by Defendant Hitachi Automotive Systems, Ltd. and its co-conspirators was an unreasonable restraint of interstate and foreign trade and commerce in violation of the Sherman Antitrust Act, 15 U.S.C. § 1.

14. On June 30, 2014, the DOJ announced that a federal grand jury returned a one-count Indictment against Takashi Toyokuni, Ken Funasaki, Kazunobu Tsunekawa and Tomiya Itakura of Hitachi Automotive Systems Ltd. for agreeing to allocate the supply of, rig bids for, and fix, stabilize and maintain the prices of, certain automotive parts sold to various automobile manufacturers such as Ford Motor Company, General Motors LLC, Nissan Motor Co. Ltd., Toyota Motor Corporation, and Honda Motor Company, Ltd., and others, and certain of their subsidiaries, in the United States and elsewhere. For purposes of the Indictment, “automotive parts” included, among other products, Inverters.

## **REDACTED**

15. Defendants and their co-conspirators participated in a combination and conspiracy to suppress and eliminate competition in the automotive parts industry by agreeing to allocate the supply of, rig bids for, and to fix, stabilize, and maintain the prices of, Inverters sold to vehicle manufacturers and others in the United States. The combination and conspiracy engaged in by Defendants and their co-conspirators was an unreasonable restraint of interstate and foreign trade and commerce in violation of the Sherman Antitrust Act, 15 U.S.C. § 1, and state antitrust, unfair competition, consumer protection and unjust enrichment laws.

16. As a direct result of the anti-competitive and unlawful conduct alleged herein, Plaintiffs and the Classes (as defined below) paid artificially inflated prices for Inverters during the Class Period and have thereby suffered antitrust injury to their business or property.

### **JURISDICTION AND VENUE**

17. Plaintiffs bring this action under Section 16 of the Clayton Act (15 U.S.C. § 26) to secure equitable and injunctive relief against Defendants for violating Section 1 of the Sherman Act (15 U.S.C. § 1). Plaintiffs also assert claims for actual and exemplary damages pursuant to state antitrust, unfair competition, consumer protection, and unjust enrichment laws, and seek to obtain restitution, recover damages, and secure other relief against Defendants for violations of those state laws. Plaintiffs and the Classes also seek attorneys' fees, costs, and other expenses under federal and state law.

18. This Court has jurisdiction over the subject matter of this action pursuant to Section 16 of the Clayton Act (15 U.S.C. § 26), Section 1 of the Sherman Act (15 U.S.C. § 1), and Title 28, United States Code, Sections 1331 and 1337. This Court has subject matter jurisdiction of the state law claims pursuant to 28 U.S.C. §§ 1332(d) and 1367, in that this is a class action in which the matter or controversy exceeds the sum of \$5,000,000, exclusive of

## REDACTED

interests and costs, and in which some members of the proposed Classes are citizens of a state different from some Defendants.

19. Venue is proper in this District pursuant to Section 12 of the Clayton Act (15 U.S.C. § 22), and 28 U.S.C. §§ 1391 (b), (c), and (d), because a substantial part of the events giving rise to Plaintiffs' claims occurred in this District, a substantial portion of the affected interstate trade and commerce discussed below has been carried out in this District, and one or more Defendants reside, are licensed to do business in, are doing business in, had agents in, or are found or transact business in this District.

20. This Court has *in personam* jurisdiction over Defendants because each, either directly or through the ownership and/or control of its subsidiaries, *inter alia*: (a) transacted business in the United States, including in this District; (b) directly or indirectly sold or marketed substantial quantities of Inverters throughout the United States, including in this District; (c) had substantial aggregate contacts with the United States as a whole, including in this District; or (d) were engaged in an illegal price-fixing conspiracy that was directed at, and had a direct, substantial, reasonably foreseeable and intended effect of causing injury to the business or property of persons and entities residing in, located in, or doing business throughout the United States, including in this District. Defendants also conduct business throughout the United States, including in this jurisdiction, and they have purposefully availed themselves of the laws of the United States.

21. Defendants engaged in conduct both inside and outside of the United States that caused direct, substantial and reasonably foreseeable and intended anti-competitive effects upon interstate commerce within the United States.

## **REDACTED**

22. The activities of Defendants and their co-conspirators were within the flow of, were intended to, and did have, a substantial effect on interstate commerce of the United States. Defendants' products are sold in the flow of interstate commerce.

23. Inverters manufactured abroad by Defendants and sold for use in vehicles in the United States are goods brought into the United States for sale, and therefore constitute import commerce. To the extent any Inverters are purchased in the United States, and such Inverters do not constitute import commerce, Defendants' activities with respect thereto, as more fully alleged herein during the Class Period, had, and continue to have, a direct, substantial and reasonably foreseeable effect on United States commerce. The anti-competitive conduct, and its effect on United States commerce described herein, proximately caused antitrust injury in the United States.

24. By reason of the unlawful activities hereinafter alleged, Defendants' unlawful activities substantially affected commerce throughout the United States, causing injury to Plaintiffs and members of the Classes. Defendants, directly and through their agents, engaged in activities affecting all states, to fix, raise, maintain and/or stabilize prices, rig bids and allocate the market and customers in the United States for Inverters, which conspiracy unreasonably restrained trade and adversely affected the market for Inverters.

25. Defendants' conspiracy and wrongdoing described herein adversely affected persons in the United States who purchased or leased a new vehicle in the United States not for resale which included one or more Inverters.

## **PARTIES**

### **Plaintiffs**

## REDACTED

26. Plaintiff Ifeoma Adams is a California resident who purchased at least one Inverter indirectly from at least one Defendant.

27. Plaintiff Halley Ascher is a District of Columbia resident who purchased at least one Inverter indirectly from at least one Defendant.

28. Plaintiff Gregory Asken is a Nevada resident who purchased at least one Inverter indirectly from at least one Defendant.

29. Plaintiff Melissa Barron is a California resident who purchased at least one Inverter indirectly from at least one Defendant.

30. Plaintiff Kimberly Bennett is an Arkansas resident who purchased at least one Inverter indirectly from at least one Defendant.

31. Plaintiff David Bernstein is a Minnesota resident who purchased at least one Inverter indirectly from at least one Defendant.

32. Plaintiff Ron Blau is a Massachusetts resident who purchased at least one Inverter indirectly from at least one Defendant.

33. Plaintiff Tenisha Burgos is a New York resident who purchased at least one Inverter indirectly from at least one Defendant.

34. Plaintiff Kent Busek is a North Dakota resident who purchased at least one Inverter indirectly from at least one Defendant.

35. Plaintiff Jennifer Chase is an Iowa resident who purchased at least one Inverter indirectly from at least one Defendant.

36. Plaintiff Rita Cornish is a Utah resident who purchased at least one Inverter indirectly from at least one Defendant.

## REDACTED

37. Plaintiff Nathan Croom is a Nebraska resident who purchased at least one Inverter indirectly from at least one Defendant.

38. Plaintiff Lori Curtis is a Missouri resident who purchased at least one Inverter indirectly from at least one Defendant.

39. Plaintiff Jessica DeCastro is a Missouri resident who purchased at least one Inverter indirectly from at least one Defendant.

40. Plaintiff Alena Farrell is a Vermont resident who purchased at least one Inverter indirectly from at least one Defendant.

41. Plaintiff Jane Fitzgerald is a Vermont resident who purchased at least one Inverter indirectly from at least one Defendant.

42. Plaintiff Carroll Gibbs is a District of Columbia resident who purchased at least one Inverter indirectly from at least one Defendant.

43. Plaintiff Dori Gilels is a Montana resident who purchased at least one Inverter indirectly from at least one Defendant.

44. Plaintiff Jason Grala is a New York resident who purchased at least one Inverter indirectly from at least one Defendant.

45. Plaintiff Ian Groves is a New Mexico resident who purchased at least one Inverter indirectly from at least one Defendant.

46. Plaintiff Curtis Gunnerson is a Minnesota resident who purchased at least one Inverter indirectly from at least one Defendant.

47. Plaintiff Paul Gustafson is an Oregon resident who purchased at least one Inverter indirectly from at least one Defendant.

## REDACTED

48. Plaintiff Tom Halverson is an Arizona resident who purchased at least one Inverter indirectly from at least one Defendant.

49. Plaintiff Curtis Harr is a North Dakota resident who purchased at least one Inverter indirectly from at least one Defendant.

50. Plaintiff Andrew Hedlund is a South Carolina resident who purchased at least one Inverter indirectly from at least one Defendant.

51. Plaintiff Gary Arthur Herr is a Florida resident who purchased at least one Inverter indirectly from at least one Defendant.

52. Plaintiff John Hollingsworth is a California resident who purchased at least one Inverter indirectly from at least one Defendant.

53. Plaintiff Leonard Julian is a Nevada resident who purchased at least one Inverter indirectly from at least one Defendant.

54. Plaintiff Carol Ann Kashishian is a Wisconsin resident who purchased at least one Inverter indirectly from at least one Defendant.

55. Plaintiff Elizabeth Kaufmann is a Florida resident who purchased at least one Inverter indirectly from at least one Defendant.

56. Plaintiff Robert Klingler is a Missouri resident who purchased at least one Inverter indirectly from at least one Defendant.

57. Plaintiff Kelly Klosterman is a North Dakota resident who purchased at least one Inverter indirectly from at least one Defendant.

58. Plaintiff James Marean is a Maine resident who purchased at least one Inverter indirectly from at least one Defendant.

## REDACTED

59. Plaintiff Michelle McGinn is a Nevada resident who purchased at least one Inverter indirectly from at least one Defendant.

60. Plaintiff Nilsa Mercado is a Michigan resident who purchased at least one Inverter indirectly from at least one Defendant.

61. Plaintiff Rebecca Lynn Morrow is an Arizona resident who purchased at least one Inverter indirectly from at least one Defendant.

62. Plaintiff Edward Muscara is a New Hampshire resident who purchased at least one Inverter indirectly from at least one Defendant.

63. Plaintiff Stacey Nickell is a West Virginia resident who purchased at least one Inverter indirectly from at least one Defendant.

64. Plaintiff Sophie O'Keefe-Zelman is an Arizona resident who purchased at least one Inverter indirectly from at least one Defendant.

65. Plaintiff Roger Olson is a Michigan resident who purchased at least one Inverter indirectly from at least one Defendant.

66. Plaintiff Susan Olson is a Michigan resident who purchased at least one Inverter indirectly from at least one Defendant.

67. Plaintiff William Picotte is a former South Dakota resident who purchased at least one Inverter indirectly from at least one Defendant.

68. Plaintiff Whitney Porter is a District of Columbia resident who purchased at least one Inverter indirectly from at least one Defendant.

69. Plaintiff Cindy Prince is a Hawaii resident who purchased at least one Inverter indirectly from at least one Defendant while a resident of Oregon.

## REDACTED

70. Plaintiff Janne Rice is a West Virginia resident who purchased at least one Inverter indirectly from at least one Defendant.

71. Plaintiff Robert Rice, Jr. is a West Virginia resident who purchased at least one Inverter indirectly from at least one Defendant.

72. Plaintiff Frances Gammell-Roach is a Rhode Island resident who purchased at least one Inverter indirectly from at least one Defendant.

73. Plaintiff Darrel Senior is a Kansas resident who purchased at least one Inverter indirectly from at least one Defendant.

74. Plaintiff Meetesh Shah is a California resident who purchased at least one Inverter indirectly from at least one Defendant.

75. Plaintiff Darcy Sherman is a Minnesota resident who purchased at least one Inverter indirectly from at least one Defendant.

76. Plaintiff Erica Shoaf is an Arizona resident who purchased at least one Inverter indirectly from at least one Defendant.

77. Plaintiff Arthur Stukeley is a Vermont resident who purchased at least one Inverter indirectly from at least one Defendant.

78. Plaintiff Kathleen Tawney is a North Carolina resident who purchased at least one Inverter indirectly from at least one Defendant.

79. Plaintiff Jane Taylor is a Hawaii resident who purchased at least one Inverter indirectly from at least one Defendant.

80. Plaintiff Keith Uehara is a Hawaii resident who purchased at least one Inverter indirectly from at least one Defendant.

## **REDACTED**

81. Plaintiff Michael Wick is a New Mexico resident who purchased at least one Inverter indirectly from at least one Defendant.

82. Plaintiff Thomas Wilson is a Mississippi resident who purchased at least one Inverter indirectly from at least one Defendant.

83. Plaintiff Phillip Young is a Tennessee resident who purchased at least one Inverter indirectly from at least one Defendant.

### **Defendants**

#### **DENSO Defendants**

84. Defendant DENSO Corporation is a Japanese corporation with its principal place of business in Kariya, Japan. Defendant DENSO Corporation – directly and/or through its subsidiaries, which it wholly owned and/or controlled – manufactured, marketed and/or sold Inverters that were purchased throughout the United States, including in this District, during the Class Period.

85. Defendant DENSO International America, Inc. is a Delaware corporation with its principal place of business in Southfield, Michigan. It is a subsidiary of and wholly owned and/or controlled by its parent, DENSO Corporation. DENSO International America, Inc. – directly and/or through its subsidiaries, which it wholly owned and/or controlled – manufactured, marketed, and/or sold Inverters that were purchased throughout the United States, including in this District, during the Class Period. At all times during the Class Period, its activities in the United States were under the control and direction of its Japanese parent.

#### **Hitachi Defendants**

86. Defendant Hitachi Automotive Systems, Ltd. is a Japanese company with its principal place of business in Tokyo, Japan. Hitachi Automotive Systems, Ltd. – directly and/or

## REDACTED

through its subsidiaries, which it wholly owned and/or controlled – manufactured, marketed and/or sold Inverters that were purchased throughout the United States, including in this District, during the Class Period.

87. Defendant Hitachi Automotive Systems Americas, Inc. is a Delaware corporation with its principal place of business in Harrodsburg, Kentucky. It is a subsidiary of and wholly owned and/or controlled by its parent, Hitachi Automotive Systems, Ltd. Hitachi Automotive Systems Americas, Inc. manufactured, marketed and/or sold Inverters that were purchased throughout the United States, including in this District, during the Class Period. At all times during the Class Period, its activities in the United States were under the control and direction of its Japanese parent.

### **AGENTS AND CO-CONSPIRATORS**

88. Each Defendant acted as the principal of or agent for the other Defendant with respect to the acts, violations, and common course of conduct alleged herein.

89. Various persons, partnerships, sole proprietors, firms, corporations and individuals not named as defendants in this lawsuit, and individuals, the identities of which are presently unknown, have participated as co-conspirators with Defendants in the offenses alleged in this Complaint, and have performed acts and made statements in furtherance of the conspiracy or in furtherance of the anti-competitive conduct.

90. Whenever in this Complaint reference is made to any act, deed or transaction of any corporation or limited liability entity, the allegation means that the corporation or limited liability entity engaged in the act, deed or transaction by or through its officers, directors, agents, employees or representatives while they were actively engaged in the management, direction, control or transaction of the corporation's or limited liability entity's business or affairs.

**FACTUAL ALLEGATIONS**

**A. The Inverters Industry**

91. “Inverters” provide power to motors by converting direct current (“DC”) electricity from a vehicle’s battery to alternating current (“AC”) electricity.

92. Every vehicle with an electric traction motor requires inverters to power them. The traction inverter converts high voltage DC electricity into multi-phase AC current that drives the three-phase induction or permanent magnet electric machines used to actuate the motor in hybrid and electric vehicles. Every electric vehicle requires at least one electric traction motor. In many cases many electric or hybrid vehicles have two or more, and each traction motor requires a separate inverter.

93. Globally, the inverter market is estimated to be \$45 billion in 2012. The total market for hybrid and pure electric automotive inverters is estimated to be a \$10 billion a year industry. Hitachi is one of the global leaders in supplying inverters for motor vehicles.

## Top 10 Automotive Traction Drive Inverter Suppliers, 2010-2012

Propulsion Inverter Supplier	2010*	2011*	2012*	Three Year Total*
Toyota/DENSO	770,863	680,738	1,279,073	2,730,674
Mitsubishi Electric	195,536	226,033	294,868	716,437
Hitachi	29,663	58,365	156,065	244,093
Toshiba	69,706	5,885	42,320	117,911
Continental	7,859	20,257	85,585	113,701
Bosch	7,332	19,003	56,153	82,488
Hyundai Mobis	11,652	27,940	53,762	93,354
Calsonic Kansei	0	27,258	37,980	65,238
TDK	0	56,952	22,271	79,223
Edrive	563	4,285	9,025	13,873
<b>Annual Subtotals*:</b>	<b>1,093,174</b>	<b>1,126,716</b>	<b>2,037,102</b>	<b>4,256,992</b>

\*These numbers are provided to show order of magnitude comparisons between suppliers. Data is based on ongoing research and subject to change as updates become available. Note that rankings below the top seven are subject to significant churn. Totals reflect the number of vehicles in which the inverters were installed for that calendar year.

Source: Office of Energy Efficiency & Renewable Energy - U.S. Department of Energy;

Synthesis Partners' power electronics and automotive technology supplier database (March 2013).

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Electric Vehicle Inverter



Top view of Inverter for Electric Vehicle

94. Inverters are installed by original equipment manufacturers (“OEMs”) in new cars as part of the automotive manufacturing process.

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95. For new cars, the OEMs – mostly large automotive manufacturers such as Ford Motor Company, Toyota Motor Corporation, General Motors, etc. – purchase Inverters directly from Defendants. Inverters may also be purchased by component manufacturers who then supply such systems to OEMs. These component manufacturers are also called “Tier 1 Manufacturers” in the industry. Tier 1 Manufacturers supply Inverters directly to an OEM.

96. When purchasing Inverters, OEMs issue Requests for Quotation (“RFQs”) to automotive parts suppliers on a model-by-model basis for model specific parts. Automotive parts suppliers submit quotations, or bids, to OEMs in response to RFQs, and the OEMs usually award the business to the selected automotive parts supplier for the lifespan of the model, which is usually four to six years. Typically, the bidding process for a particular model begins approximately three years prior to the start of production of a new model. OEMs procure parts for U.S.-manufactured vehicles in the United States and elsewhere.

97. The Defendants and their co-conspirators supplied Inverters to OEMs for installation in vehicles manufactured and sold in the United States and elsewhere. The Defendants and their co-conspirators manufactured Inverters (a) in the United States for installation in vehicles manufactured and sold in the United States, (b) in Japan and elsewhere for export to the United States and installation in vehicles manufactured and sold in the United States, and (c) in Japan and elsewhere for installation in vehicles manufactured in Japan and elsewhere for export to and sale in the United States.

98. Plaintiffs and members of the proposed Classes purchased Inverters indirectly from one or more of the Defendants. By way of example, an owner of a vehicle may indirectly purchase one or more Inverter(s) from the Defendants as part of purchasing or leasing a new vehicle.

**B. The Structure and Characteristics of the Inverters Market Render the Conspiracy More Plausible**

99. The structure and other characteristics of the Inverters market in the United States are conducive to a price-fixing agreement, and have made collusion particularly attractive in this market. Specifically, the Inverters market: (1) has high barriers to entry; and (2) has inelasticity of demand.

**1. The Inverters Market Has High Barriers to Entry**

100. A collusive arrangement that raises product prices above competitive levels would, under basic economic principles, attract new entrants seeking to benefit from the supra-competitive pricing. Where, however, there are significant barriers to entry, new entrants are less likely. Thus, barriers to entry help to facilitate the formation and maintenance of a cartel.

101. There are substantial barriers that preclude, reduce, or make more difficult entry into the Inverters market. A new entrant into the business would face costly and lengthy start-up costs, including multi-million dollar costs associated with manufacturing plants and equipment, energy, transportation, distribution infrastructure, skilled labor, and long-standing customer relationships.

102. Likewise, any competitor needs advanced engineering and technological prowess in order to design a competitive Inverter based on the design, selection, and use of power device materials, power capacitors and cooling technologies for the inverter component.

103. In addition, OEMs cannot change Inverters suppliers randomly after a supplier is initially selected because the OEMs design the features of their vehicles so that the Inverters they purchase for a vehicle are then integrated with the other components of the ignition system of the particular vehicle model. Thus, Inverters manufacturers and OEMs must agree on a design that is unique to a particular vehicle model. It would be difficult for a new market entrant to do so.

**2. There is Inelasticity of Demand for Inverters**

104. “Elasticity” is a term used to describe the sensitivity of supply and demand to changes in one or the other. For example, demand is said to be “inelastic” if an increase in the price of a product results in only a small decline in the quantity sold of that product, if any. In other words, customers have nowhere to turn for alternative, cheaper products of similar quality, and so continue to purchase despite a price increase.

105. For a cartel to profit from raising prices above competitive levels, demand must be relatively inelastic at competitive prices. Otherwise, increased prices would result in declining sales, revenues, and profits, as customers purchased substitute products or declined to buy altogether. Inelastic demand is a market characteristic that facilitates collusion, allowing producers to raise their prices without triggering customer substitution and lost sales revenue.

106. Demand for Inverters is highly inelastic because there are no close substitutes for these products. In addition, customers must purchase Inverters as an essential part of a vehicle, even if the prices are kept at a supra-competitive level.

**C. Government Investigations**

107. A globally coordinated antitrust investigation is taking place in the United States, Europe, Canada, and Japan, aimed at suppliers of automotive parts in general and in Inverters in particular. A Japan Fair Trade Commission (“JFTC”) official told a leading legal publication that the international automotive parts supplier investigation would continue to widen because the automotive industry as a whole comprises many sub-industries. He characterized the investigation being conducted by international antitrust authorities as “large and broad,” and he declined to deny that this “would be history’s largest case.”

108. The antitrust probe originated in Europe as the result of several European OEMs coming together to bring a complaint to the European Commission (“EC”). The EC and the FBI

## REDACTED

have executed surprise raids at the European and U.S. offices of several auto parts manufacturers, including certain Defendants, as part of an investigation into anticompetitive conduct related to the manufacturing and sale of automotive parts.

109. On February 8, 2010, the EC executed surprise raids at the European offices of certain automotive parts makers. The DOJ has confirmed that its automotive parts investigation is the largest criminal investigation that the Antitrust Division has ever pursued, both in terms of its scope and the potential volume of commerce affected by the illegal conduct. To date, the DOJ has levied more than \$3.4 billion in criminal fines against various automotive parts manufacturers.

110. In February 2010, the JFTC raided the Tokyo offices of Defendant DENSO Corporation as part of an expansive investigation into collusion in the automotive parts industry dating back to at least 2000.

111. The JFTC raided offices of Defendants as part of the spreading investigation into suspected price fixing of automotive parts. According to its 2011 Annual Report, DENSO Corporation's offices were searched on July 20, 2011 at various locations, including in Kariya, Aichi and some other sales branches in Japan.

112. The DOJ has stated that it is conducting an investigation of potential antitrust activity and coordinating its investigation with antitrust regulators in Europe. "The antitrust division is investigating the possibility of anticompetitive cartel conduct of automotive electronic component suppliers," Justice Department Spokeswoman Gina Talamona said.

113. Indeed, on February 23, 2010, around the same time as the raids by the Japanese and European competition authorities, investigators from the FBI raided three Detroit-area Japanese auto parts makers as part of a federal antitrust investigation. The FBI executed warrants

and searched the offices of these companies, including DENSO Corporation's subsidiary in Southfield, Michigan. Special Agent Sandra Berchtold said the affidavits supporting issuance of the warrants were sealed in federal court.

114. To obtain search warrants, the United States was legally required to have probable cause, accepted by a magistrate, to believe that it would obtain evidence of an antitrust violation as a result of executing the search warrant – that is, the United States had to have evidence sufficient to warrant a person of reasonable caution to believe that raiding the offices of a seemingly lawful business would uncover evidence of antitrust violations and that claimed evidence must have been examined and accepted by a magistrate. That belief, which was recounted in sworn affidavits or testimony, must be grounded on reasonably trustworthy information.

**Defendant DENSO Corporation Pleads Guilty to Price-Fixing ECUs and HCPs**

115. On January 30, 2012, the DOJ announced that Defendant DENSO Corporation had agreed to pay a \$78 million fine and plead guilty to a two-count criminal Information charging it with: (1) participating in a combination and conspiracy to suppress and eliminate competition in the automotive parts industry by agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, electronic control units (“ECUs”) sold to an automobile manufacturer in the United States and elsewhere from at least as early as January 2000 and until at least February 2010 in violation of the Sherman Antitrust Act, 15 U.S.C. § 1; and (2) participating in a combination and conspiracy to suppress and eliminate competition in the automotive parts industry by agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, heater control panels (“HCPs”) sold to an automobile manufacturer in the United States and elsewhere

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from at least as early as January 2000 and continuing until at least February 2010 in violation of the Sherman Act, 15 U.S.C. § 1.

116. According to the criminal Information filed against it, Defendant DENSO Corporation and its co-conspirators carried out the ECU conspiracy by:

- (a) participating in meetings, conversations, and communications in the United States and Japan to discuss the bids and price quotations to be submitted to an automobile manufacturer in the United States and elsewhere;
- (b) agreeing, during those meetings, conversations, and communications, on bids and price quotations to be submitted to an automobile manufacturer in the United States and elsewhere;
- (c) agreeing, during those meetings, conversations, and communications, to allocate the supply of ECUs sold to an automobile manufacturer in the United States and elsewhere on a model-by-model basis;
- (d) agreeing, during those meetings, conversations, and communications, to coordinate price adjustments requested by an automobile manufacturer in the United States and elsewhere;
- (e) submitting bids, price quotations, and price adjustments to an automobile manufacturer in the United States and elsewhere in accordance with the agreements reached;
- (f) selling ECUs to an automobile manufacturer in the United States and elsewhere at collusive and noncompetitive prices;
- (g) accepting payment for ECUs sold to an automobile manufacturer in the United States and elsewhere at collusive and non-competitive prices;

(h) engaging in meetings, conversations, and communications in the United States and elsewhere for the purpose of monitoring and enforcing adherence to the agreed-upon bid-rigging and price-fixing scheme; and

(i) employing measures to keep their conduct secret, including but not limited to using code names and meeting at private residences or remote locations.

117. According to the criminal Information filed against it, Defendant DENSO Corporation and its co-conspirators carried out the HCP conspiracy by:

(a) participating in meetings, conversations, and communications in the United States and Japan to discuss the bids and price quotations to be submitted to an automobile manufacturer in the United States and elsewhere;

(b) agreeing, during those meetings, conversations, and communications, on bids and price quotations to be submitted to an automobile manufacturer in the United States and elsewhere;

(c) agreeing, during those meetings, conversations, and communications, to allocate the supply of HCPs sold to an automobile manufacturer in the United States and elsewhere on a model-by-model basis;

(d) agreeing, during those meetings, conversations, and communications, to coordinate price adjustments requested by an automobile manufacturer in the United States and elsewhere;

(e) submitting bids, price quotations, and price adjustments to an automobile manufacturer in the United States and elsewhere in accordance with the agreements reached;

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- (f) selling HCPs to an automobile manufacturer in the United States and elsewhere at collusive and noncompetitive prices;
- (g) accepting payment for HCPs sold to an automobile manufacturer in the United States and elsewhere at collusive and noncompetitive prices;
- (h) engaging in meetings, conversations, and communications in the United States and elsewhere for the purpose of monitoring and enforcing adherence to the agreed-upon bid-rigging and price-fixing scheme; and
- (i) employing measures to keep their conduct secret, including but not limited to using code names and meeting at private residences or remote locations.

### **Defendant Hitachi Automotive Systems, Ltd. Pleads Guilty to Price-Fixing Certain Automotive Parts**

118. On September 26, 2013, the DOJ announced that Defendant Hitachi Automotive Systems, Ltd. agreed to pay a \$195 million criminal fine and to plead guilty to a one-count criminal Information charging it with participating in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of automotive parts, including, among other products, Inverters, sold to various automotive manufacturers, including Nissan Motor Company, Ltd., Honda Motor Company, Ltd., General Motors Company, Ford Motor Company, Toyota Motor Corporation, Chrysler Group LLC, and Fuji Heavy Industries Ltd., and certain of its subsidiaries in the United States and elsewhere from at least as early as January 2000 and continuing until at least February 2010 in violation of the Sherman Act, 15 U.S.C. § 1.

119. According to the Information filed, Defendant Hitachi Automotive Systems, Ltd. and its co-conspirators carried out the Inverters conspiracy by:

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- (a) participating in meetings, conversations, and communications in the United States and elsewhere to discuss the bids and price quotations to be submitted to automobile manufacturers in the United States and elsewhere;
- (b) agreeing, during those meetings, conversations, and communications, on bids and price quotations to be submitted to automobile manufacturers in the United States and elsewhere;
- (c) agreeing, during those meetings, conversations, and communications, to allocate the supply of automotive parts sold to automobile manufactures in the United States and elsewhere;
- (d) agreeing, during those meetings, conversations, and communications, to coordinate price adjustments requested by automobile manufacturers in the United States and elsewhere;
- (e) submitting certain bids, price quotations, and price adjustments to automobile manufacturers in the United States and elsewhere in accordance with the agreements reached;
- (f) selling automotive parts to automobile manufacturers in the United States and elsewhere at collusive and noncompetitive prices;
- (g) accepting payment for automotive parts sold to automobile manufacturers in the United State and elsewhere at collusive and noncompetitive prices;
- (h) engaging in meetings, conversations, and communications in the United States and elsewhere for the purpose of monitoring and enforcing adherence to the agreed-upon bid-rigging and price-fixing scheme; and

- (i) employing measures to keep their conduct secret, including, but not limited to, using code names and meeting at remote locations.

**D. Likely Existence of a Cooperating Defendant**

120. The Antitrust Criminal Penalty Enhancement and Reform Act (“ACPERA”) provides leniency benefits for a participant in a price-fixing conspiracy that voluntarily discloses its conduct to the DOJ. In most recent cases in which guilty pleas for price-fixing conduct have been obtained, there has been a cooperating party that has been accepted into the DOJ’s ACPERA program as an “amnesty applicant.” One of the leniency benefits for a conspirator that is accepted into the ACPERA program is that it is not charged with a criminal offense and is not required to plead guilty to criminal charges.

121. In light of the multiple guilty pleas in this case, in related automotive parts antitrust cases and the DOJ’s ongoing investigation into the industry, it is reasonable for this Court to infer that there is an ACPERA “amnesty applicant” in this case.

**E. Additional Criminal Pleadings in the Automotive Parts Industry**

122. On September 29, 2011, the DOJ announced that Furukawa Electric Co. Ltd. had agreed to plead guilty and to pay a \$200 million criminal fine for its role in a criminal price-fixing and bid rigging conspiracy involving the sale of automotive wire harnesses and related products to automobile manufacturers.

123. In the press release announcing the fine against Furukawa Electric Co. Ltd., Sharis A. Pozen, then the Acting Assistant Attorney General in charge of the DOJ’s Antitrust Division, said that “[a]s a result of this international price-fixing and bid-rigging conspiracy, automobile manufacturers paid noncompetitive and higher prices for parts in cars sold to U.S. consumers.” Ms. Pozen also stated that “[t]his cartel harmed an important industry in our nation’s economy, and the Antitrust Division with the Federal Bureau of Investigation will

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continue to work together to ensure that these kinds of conspiracies are stopped.” The press release also quoted FBI’s Special Agent in Charge Andrew G. Arena, who said that “[w]hen companies partner to control and price fix bids or contracts, it undermines the foundation of the United States’ economic system,” and that “[t]he FBI is committed to aggressively pursuing any company involved in antitrust crimes.”

124. On January 30, 2012, the DOJ announced that Yazaki Corporation had agreed to plead guilty and to pay a \$470 million criminal fine and DENSO Corporation, as stated above, had agreed to plead guilty and to pay a \$78 million criminal fine for their respective involvement in multiple price-fixing and bid-rigging conspiracies in the sale of automotive parts to automobile manufacturers in the United States. According to the three-count criminal Information filed against Yazaki, it engaged in three separate conspiracies: (i) to rig bids for and to fix, stabilize, and maintain the prices of, automotive wire harnesses and related products sold to certain automobile manufacturers in the United States and elsewhere; (ii) to rig bids for and to fix, stabilize, and maintain the prices of, instrument panel clusters sold to certain automobile manufacturers in the United States and elsewhere; and (iii) to fix, stabilize, and maintain the prices of fuel senders sold to an automobile manufacturer in the United States and elsewhere. According to the two-count felony charge against Defendant DENSO Corporation, it engaged in conspiracies to rig bids for, and to fix, stabilize, and maintain the prices of, ECUs and HCPs sold to an automobile manufacturer in the United States and elsewhere.

125. In the press release announcing the fines against Yazaki Corporation, its executives, and DENSO Corporation, Ms. Pozen vowed to continue the investigation into “pernicious cartel conduct that results in higher prices to American consumers . . . .” In the same press release, Special Agent in Charge Andrew G. Arena said that “[t]his criminal activity has as

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significant impact on the automotive manufacturers in the United States, Canada, Japan and Europe and has been occurring for at least a decade. The conduct has also affected commerce on a global scale in almost every market where automobiles are manufactured and/or sold[.]”

126. Ms. Pozen said there is no doubt **consumers** were hurt financially by the automotive wire harness price-fixing conspiracy. She stated: “By rigging bids on wiring harnesses . . . the three companies inflated what some of their auto manufacturer clients paid, and indirectly, what consumers paid for some cars.”

127. On April 3, 2012, the DOJ announced that G.S. Electech Inc. had agreed to plead guilty and to pay a \$2.75 million criminal fine for its role in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of, speed sensor wire assemblies used on antilock brake systems sold to an automobile manufacturer in the United States and elsewhere.

128. On April 23, 2012, the DOJ announced that Fujikura Ltd. had agreed to plead guilty and to pay a \$20 million criminal fine for its role in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of, automotive wire harnesses and related products sold to an automobile manufacturer in the United States and elsewhere.

129. On June 6, 2012, the DOJ announced that Autoliv Inc. had agreed to plead guilty to a two-count criminal Information and to pay a \$14.5 million criminal fine for its involvement in a combination and conspiracy to suppress competition in the automotive parts industry by (i) agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, certain seatbelts sold to a Japanese automobile manufacturer; and (ii) agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, certain seatbelts, airbags, and/or steering wheels sold to a Japanese automobile manufacturer.

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130. On July 30, 2012, the DOJ announced that TRW Deutschland Holding GmbH had agreed to plead guilty and to pay a \$5.1 million criminal fine for its involvement in a combination and conspiracy, through its employees, including high level employees of its wholly-owned subsidiaries, to suppress and eliminate competition in the automotive parts industry by agreeing to rig bids for, and to fix, stabilize, and maintain the prices of seatbelts, airbags and steering wheels sold to two German automobile manufacturers in the United States and elsewhere.

131. On August 28, 2012, the DOJ announced that Nippon Seiki Co. Ltd. had agreed to plead guilty and to pay a \$1 million criminal fine for its involvement in a combination and conspiracy to suppress competition in the automotive parts industry by agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, instrument panel clusters sold to an automobile manufacturer in in the United States and elsewhere.

132. On October 30, 2012, the DOJ announced that Tokai Rika Co. Ltd. agreed to plead guilty and to pay a \$17.7 million criminal fine for its involvement in a conspiracy to rig bids for, and to fix, stabilize, and maintain the prices of, HCPs sold to Toyota Motor Corporation and Toyota Motor Engineering & Manufacturing North America, Inc. in the United States and elsewhere. Tokai Rika also agreed to plead guilty to a charge of obstruction of justice related to the investigation of the antitrust violation.

133. On February 15, 2013, Scott Hammond, the deputy Assistant Attorney General in the Antitrust Division, discussed the DOJ's ongoing automotive parts investigation in a Thomas Reuters article. He said "[t]he investigation is broader than what we've announced so far . . . . [The investigation] is still very much ongoing, but it already appears to be the biggest criminal antitrust investigation that we've ever encountered. *I say the biggest with respect to the impact*

*on U.S. businesses and consumers, and the number of companies and executives that are subject to the investigation.”* (emphasis added).

134. On July 16, 2013, the DOJ announced that Diamond Electric Mfg. Co. Ltd. had agreed to plead guilty and to pay a \$19 million criminal fine for its involvement in a combination and conspiracy to suppress competition in the automotive parts industry by agreeing to rig bids for, and to fix, stabilize, and maintain the prices of, ignition coils sold to automobile manufacturers in the United States and elsewhere.

135. In the press release announcing the fine against Diamond Electric Mfg. Co. Ltd., Robert D. Foley III, Agent in Charge, FBI Detroit Division said “[t]hose who engage in price fixing, bid rigging and other fraudulent schemes harm the automotive industry by driving up costs for vehicle makers and buyers.”

136. On July 18, 2013, Panasonic Corporation agreed to plead guilty and to pay a \$45.8 million criminal fine for its role in a conspiracy to fix prices of various automotive parts including high intensity discharge (“HID”) ballasts, switches and steering angle sensors installed in automobiles sold in the United States and elsewhere.

137. On September 26, 2013, nine additional Japanese automotive suppliers, including Defendant Hitachi Automotive Systems Ltd., agreed to plead guilty to conspiracy charges and pay more than \$740 million in criminal fines for their roles in rigging the prices of more than 30 different products:

- (a) Defendant Hitachi Automotive Systems Ltd. agreed to plead guilty and to pay a \$195 million criminal fine for its participation in a conspiracy to rig bids for, and to fix, stabilize and maintain the prices of automotive parts, including,

among others, Inverters, sold to automobile manufacturers in the United States and elsewhere;

(b) Mitsuba Corporation agreed to plead guilty and to pay a \$135 million criminal fine for its participation in a conspiracy to rig bids for, and to fix, stabilize and maintain the prices of certain automotive parts sold to automobile manufacturers in the United States and elsewhere. Mitsuba also agreed to plead guilty to one count of obstruction of justice because of the company's efforts to destroy evidence ordered by a high-level U.S.-based executive after learning of the U.S. investigation of collusion in the automotive parts industry;

(c) Mitsubishi Electric Corp. agreed to plead guilty and to pay a \$190 million criminal fine for its participation in a conspiracy to rig bids for, and to fix, stabilize and maintain the prices of certain automotive parts sold to automobile manufacturers in the United States and elsewhere;

(d) Mitsubishi Heavy Industries Ltd. agreed to plead guilty and to pay a \$14.5 million criminal fine for its participation in a conspiracy to rig bids for, and to fix, stabilize and maintain the prices of compressors and condensers sold to automobile manufacturers in the United States and elsewhere;

(e) T.RAD Co. Ltd. agreed to plead guilty and to pay a \$13.75 million criminal fine for its participation in a conspiracy to rig bids for, and to fix, stabilize and maintain the prices of radiators and automatic transmission fluid warmers ("ATF warmers") sold to Toyota Motor Corporation in the United States and elsewhere;

(f) Valeo Japan Co. Ltd. agreed to plead guilty and to pay a \$13.6 million criminal fine for its participation in a conspiracy to allocate the supply of, rig bids for, and to fix, stabilize and maintain the prices of air conditioning systems sold to automobile manufacturers in the United States and elsewhere;

(g) JTEKT Corporation agreed to plead guilty and to pay a \$103.27 million criminal fine for its participation in a conspiracy to allocate markets, to rig bids for, and to fix, stabilize and maintain the prices of bearings and electric powered steering assemblies sold to automobile manufacturers in the United States and elsewhere;

(h) NSK Ltd. agreed to plead guilty and to pay a \$68.2 million criminal fine for its participation in a conspiracy to allocate markets, to rig bids for, and to fix, stabilize and maintain the prices of bearings sold to an automobile manufacturer in the United States and elsewhere; and

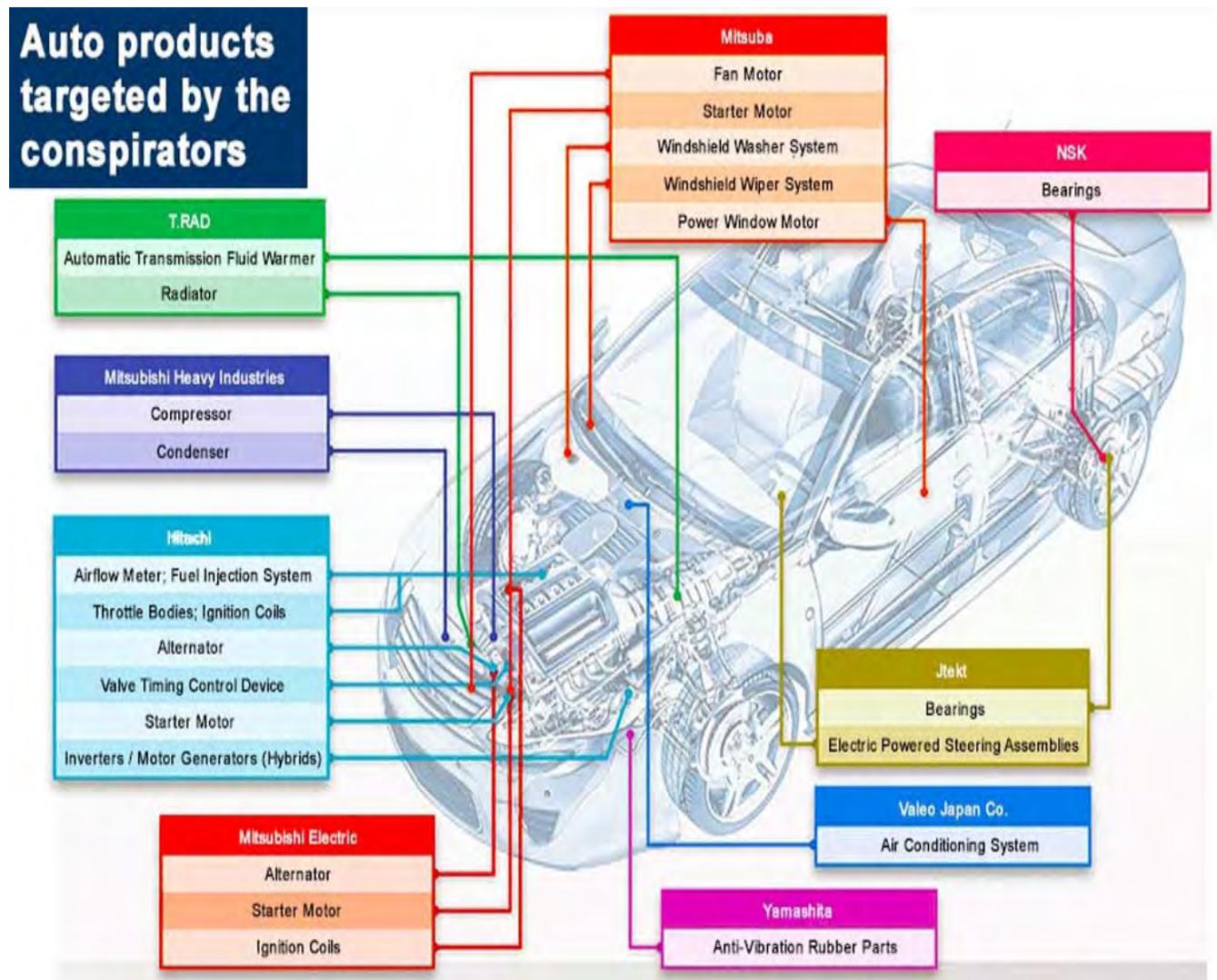
(i) Yamashita Rubber Co. Ltd. agreed to plead guilty and to pay an \$11 million criminal fine for its participation in a conspiracy to rig bids for, and to fix, raise and maintain the prices of automotive anti-vibration rubber products sold in the United States and elsewhere to automobile manufacturers.

138. On the same day, September 26, 2013, United States Attorney General Eric Holder presented the DOJ's most recent findings in the ongoing automotive parts investigation. He stated "[t]hese international price-fixing conspiracies affected more than \$5 billion in automobile parts sold to U.S. car manufacturers. In total, more than 25 million cars purchased by American consumers were affected by the illegal conduct." Attorney General Holder also described how the conspiracies worked: "[c]ompany executives met face to face in the United

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States and Japan – and talked on the phone – to reach collusive agreements to rig bids, fix prices and allocate the supply of auto parts sold to U.S. car companies. In order to keep their illegal conduct secret, they used code names and met in remote locations. Then they followed up with each other regularly to make sure the collusive agreements were being adhered to.” Attorney General Holder explained that the automotive parts conspiracies “targeted U.S. manufacturing, U.S. businesses and U.S. consumers. As a result of these conspiracies, Americans paid more for their cars.”

139. The diagram below, which was prepared by the DOJ, illustrates the September 26, 2013 guilty pleas and the corresponding automotive parts to which the various manufacturers have admitted price-fixing.



140. On October 9, 2013, Takata Corporation announced that it had agreed to pay \$71.3 million to settle antitrust charges brought by the United States federal prosecutors for its role in a conspiracy to price-fix seatbelts.

141. On November 26, 2013, the DOJ announced that Toyo Tire & Rubber Co. Ltd. had agreed to plead guilty and to pay a \$120 million criminal fine for its role in two separate conspiracies. Toyo Tire & Rubber Co. Ltd. engaged in a conspiracy to suppress and eliminate competition in the automotive parts industry by agreeing to allocate sales of, to rig bids for, and to fix, raise, and maintain the prices of, automotive anti-vibration rubber products sold to Toyota

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Motor Corporation, Nissan Motor Corporation, Fuji Heavy Industries, Ltd., and certain of their subsidiaries, affiliates and suppliers in the United States and elsewhere, and by agreeing to allocate sales of, and to fix, raise, and maintain the prices of, automotive constant-velocity-joint boot products sold to GKN plc and its subsidiaries in the United States and elsewhere.

142. On November 27, 2013, the DOJ announced that Stanley Electric Co. Ltd. had agreed to plead guilty and to pay a \$1.44 million criminal fine for its participation in a conspiracy to fix prices of automotive HID lamp ballasts installed in automobiles sold in the United States and elsewhere.

143. On January 16, 2014, the DOJ announced that Koito Manufacturing Co. Ltd. had agreed to plead guilty and to pay a \$56.6 million criminal fine for its roles in separate price-fixing conspiracies involving automobile lighting fixtures and automotive HID lamp ballasts installed in cars sold in the United States and elsewhere.

144. On February 3, 2014, the DOJ announced that Aisan Industry Co. Ltd. had agreed to plead guilty and to pay a \$6.86 million criminal fine for its role in a price-fixing conspiracy involving electronic throttle bodies sold to an automobile manufacturer in the United States and elsewhere.

145. On February 13, 2014, the DOJ announced that Bridgestone Corp. had agreed to plead guilty and to pay a \$425 million criminal fine for its role in a conspiracy to fix prices of automotive anti-vibration rubber parts installed in automobiles sold in the United States and elsewhere.

146. On April 23, 2014, the DOJ announced that Showa Corp. agreed to plead guilty and to pay a \$19.9 million criminal fine for its role in a conspiracy to fix prices and rig bids for

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pinion-assist type electric powered steering assemblies installed in cars sold in the United States and elsewhere.

147. On August 19, 2014, the DOJ announced that NGK Sparkplug Co. Ltd. agreed to plead guilty and to pay a \$52.1 million criminal fine for its role in a conspiracy to fix prices and rig bids for spark plugs, standard oxygen sensors, and air fuel ratio sensors installed in cars sold to automobile manufacturers in the United States and elsewhere.

148. On September 29, 2014, the DOJ announced that Toyoda Gosei Co. Ltd. agreed to plead guilty and to pay a \$26 million criminal fine for its involvement in a combination and conspiracy to suppress competition in the automotive parts industry by agreeing to allocate sales of, to rig bids for, and to fix, stabilize, and maintain the prices of certain automotive hoses sold to Toyota in the United States and by agreeing to allocate sales of, to rig bids for, and to fix, stabilize, and maintain the prices of, automotive airbags and steering wheels sold to Subaru and Toyota in the United States and elsewhere.

149. On October 31, 2014, the DOJ announced that Hitachi Metals Ltd. agreed to plead guilty and to pay a \$1.25 million criminal fine for its role in a conspiracy to allocate the sales of, to rig bids for, and to fix, raise, and maintain the prices of automotive brake hose sold to Toyota in the United States and elsewhere.

150. On November 13, 2014, the DOJ announced that Defendant Aisin Seiki Co. Ltd. agreed to plead guilty and to pay a \$35.8 million criminal fine for its role in a conspiracy to allocate customers of variable valve timing devices installed in cars sold to automobile manufacturers in the United States and elsewhere.

151. On November 24, 2014, the DOJ announced that Continental Automotive Electronics LLC and Continental Automotive Korea Ltd. agreed to plead guilty and to pay a

criminal fine of \$4 million for their roles in a conspiracy to rig bids of instrument panel clusters installed in vehicles manufactured and sold in the United States.

152. To date, thirty-two companies and forty-eight executives have been charged in the DOJ's ongoing investigation into price fixing and bid rigging in the automotive parts industry. Each of the thirty-two companies has either pleaded guilty or agreed to plead guilty and altogether, they have agreed to pay approximately \$2.4 billion in criminal fines.

153. "This criminal activity has a significant impact on the automotive manufacturers in the United States, Canada, Japan and Europe and has been occurring at least a decade. The conduct had also affected commerce on a global scale in almost every market where automobiles are manufactured and/or sold," said FBI's Special Agent in Charge Andrew G. Arena. "When companies partner to control and price fix bids or contracts, it undermines the foundation of the United States' economic system," Arena also said. "The FBI is committed to aggressively pursuing any company involved in antitrust crimes."

**F. Illustrative Examples**

154. Illustrative examples of Defendants' conspiratorial conduct in the market for Inverters include, but are not limited to, the following:

**Nissan Pathfinder Hybrid (P42K) and Infiniti QX60 Hybrid (P42J): Model Year 2013**

155. At the end of 2008, Nissan began developing vehicles that included the FF Hybrid System. Nissan made an informal request to DENSO to supply inverters for the FF Hybrid System, which was to be installed in several vehicles including the 2013 Nissan Pathfinder and the 2013 Infiniti QX60. On June 10, 2009, Nissan issued a formal RFQ to DENSO and Hitachi for the Inverter component of the FF Hybrid System. Hitachi contacted DENSO to set up a meeting during which the parties could coordinate bids. On June 17, 2009, DENSO's [REDACTED] met with Hitachi's [REDACTED], [REDACTED], and [REDACTED] to

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discuss the Inverter industry generally with respect to several customers. At a follow up meeting on July 15, 2009, DENSO's [REDACTED], [REDACTED], and [REDACTED] met with Hitachi's [REDACTED], [REDACTED], and [REDACTED] at DENSO's Tokyo offices. During this meeting, DENSO and Hitachi exchanged bids. Hitachi also asked DENSO to raise its bid to which DENSO agreed. DENSO submitted a bid in accordance with the agreement. DENSO won the business for the prototypes.

### 2012 FF Hybrid Engine, Mass Production

156. On November 11, 2009, Nissan issued an RFQ for Inverters to be installed in its mass produced 2012 FF Hybrid Engine. Nissan issued the RFQ to both Hitachi and DENSO. Shortly after receiving the RFQ, Hitachi called DENSO to coordinate a meeting between the two companies. The parties met at DENSO's Tokyo offices on November 26, 2009. DENSO's [REDACTED] and [REDACTED] met with Hitachi's [REDACTED], [REDACTED], and [REDACTED]. During this meeting, DENSO agreed to submit a higher bid. The parties also agreed to inform the other should either party decide to lower its agreed upon bid. Hitachi's [REDACTED] called DENSO's [REDACTED] twice to confirm DENSO's bid. Upon information and belief, DENSO submitted a higher bid than Hitachi pursuant to the parties' unlawful agreement. Nissan ultimately awarded the contract to DENSO.

### CLASS ACTION ALLEGATIONS

157. Plaintiffs bring this action on behalf of themselves and as a class action under Rule 23(a) and (b)(2) of the Federal Rules of Civil Procedure, seeking equitable and injunctive relief on behalf of the following class (the "Nationwide Class"):

All persons and entities who, during the Class Period, purchased or leased a new vehicle in the United States not for resale which included one or more Inverter(s) as a component part, which were

manufactured or sold by a Defendant, any current or former subsidiary of a Defendant or any co-conspirator of the Defendants.

158. Plaintiffs also bring this action on behalf of themselves and as a class action under Rule 23(a) and (b)(3) of the Federal Rules of Civil Procedure seeking damages pursuant to state antitrust, unfair competition, and consumer protection laws as well as common law unjust enrichment on behalf of the following class (the “Damages Class”):

All persons and entities who, during the Class Period, purchased or leased a new vehicle in the Indirect Purchaser States<sup>1</sup> not for resale which included one or more Inverter(s) as a component part, which were manufactured or sold by a Defendant, any current or former subsidiary of a Defendant or any co-conspirator of the Defendants.

159. The Nationwide Class and the Damages Class are referred to herein as the “Classes.” Excluded from the Classes are Defendants, their parent companies, subsidiaries and affiliates, any co-conspirators, federal governmental entities and instrumentalities of the federal government, states and their subdivisions, agencies and instrumentalities, and persons who purchased Inverters directly or for resale.

160. While Plaintiffs do not know the exact number of the members of the Classes, Plaintiffs believe there are (at least) thousands of members in each Class.

161. Common questions of law and fact exist as to all members of the Classes. This is particularly true given the nature of Defendants’ conspiracy, which was generally applicable to all the members of both Classes, thereby making appropriate relief with respect to the Classes as a whole. Such questions of law and fact common to the Classes include, but are not limited to:

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<sup>1</sup> The Indirect Purchaser States are the states listed in the Second and Third Claims for Relief.

- (a) Whether Defendants and their co-conspirators engaged in a combination and conspiracy among themselves to fix, raise, maintain or stabilize the prices of Inverters sold in the United States;
- (b) The identity of the participants of the alleged conspiracy;
- (c) The duration of the alleged conspiracy and the acts carried out by Defendants and their co-conspirators in furtherance of the conspiracy;
- (d) Whether the alleged conspiracy violated the Sherman Act, as alleged in the First Claim for Relief;
- (e) Whether the alleged conspiracy violated state antitrust, unfair competition, and/or consumer protection laws, as alleged in the Second and Third Claims for Relief;
- (f) Whether Defendants unjustly enriched themselves to the detriment of the Plaintiffs and the members of the Classes, thereby entitling Plaintiffs and the members of the Classes to disgorgement of all benefits derived by Defendants, as alleged in the Fourth Claim for Relief;
- (g) Whether the conduct of Defendants and their co-conspirators, as alleged in this Complaint, caused injury to the business or property of Plaintiffs and the members of the Classes;
- (h) The effect of the alleged conspiracy on the prices of Inverters sold in the United States during the Class Period;
- (i) Whether Plaintiffs and members of the Classes had any reason to know or suspect the conspiracy, or any means to discover the conspiracy;

- (j) Whether Defendants and their co-conspirators fraudulently concealed the conspiracy's existence from Plaintiffs and the members of the Classes;
- (k) The appropriate injunctive and related equitable relief for the Nationwide Class; and
- (l) The appropriate class-wide measure of damages for the Damages Class.

162. Plaintiffs' claims are typical of the claims of the members of the Classes, and Plaintiffs will fairly and adequately protect the interests of the Classes. Plaintiffs and all members of the Classes are similarly affected by the Defendants' wrongful conduct in that they paid artificially inflated prices for Inverters purchased indirectly from Defendants and/or their co-conspirators.

163. Plaintiffs' claims arise out of the same common course of conduct giving rise to the claims of the other members of the Classes. Plaintiffs' interests are coincident with, and not antagonistic to, those of the other members of the Classes. Plaintiffs are represented by counsel who are competent and experienced in the prosecution of antitrust and class action litigation.

164. The questions of law and fact common to the members of the Classes predominate over any questions affecting only individual members, including legal and factual issues relating to liability and damages.

165. Class action treatment is a superior method for the fair and efficient adjudication of the controversy, in that, among other things, such treatment will permit a large number of similarly situated persons to prosecute their common claims in a single forum simultaneously, efficiently and without the unnecessary duplication of evidence, effort and expense that numerous individual actions would engender. The benefits of proceeding through the class mechanism, including providing injured persons or entities with a method for obtaining redress

for claims that it might not be practicable to pursue individually, substantially outweigh any difficulties that may arise in the management of this class action.

166. The prosecution of separate actions by individual members of the Classes would create a risk of inconsistent or varying adjudications, establishing incompatible standards of conduct for Defendants.

**PLAINTIFFS AND THE CLASSES SUFFERED ANTITRUST INJURY**

167. Defendants' price-fixing conspiracy had the following effects, among others:

- (a) Price competition has been restrained or eliminated with respect to Inverters;
- (b) The prices of Inverters have been fixed, raised, maintained, or stabilized at artificially inflated levels;
- (c) Indirect purchasers of Inverters have been deprived of free and open competition; and
- (d) Indirect purchasers of Inverters paid artificially inflated prices.

168. During the Class Period, Plaintiffs and the members of the Classes paid supra-competitive prices for Inverters. OEMS and automotive dealers passed on inflated prices to Plaintiffs and the members of the Classes. Those overcharges have unjustly enriched Defendants.

169. The markets for Inverters and vehicles are inextricably linked and intertwined because the market for Inverters exists to serve the vehicle market. Without the vehicles, the Inverters have little to no value because they have no independent utility. Indeed, the demand for vehicles creates the demand for Inverters. As stated in the 2010 Annual Report of Lear Corp., an automobile parts supplier: "Our sales are driven by the number of vehicles produced by the automotive manufacturers, which is ultimately dependent on consumer and fleet demand for automotive vehicles."

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170. Inverters are identifiable, discrete physical products that remain essentially unchanged when incorporated into a vehicle. As a result, Inverters follow a traceable physical chain of distribution from Defendants to Plaintiffs and the members of the Classes, and cost changes attributable to Inverters can be traced through the chain of distribution to Plaintiffs and the members of the Classes.

171. Just as Inverters can be physically traced through the supply chain, so can their price be traced to show that changes in the prices paid by direct purchasers of Inverters affect prices paid by indirect purchasers of new motor vehicles containing Inverters.

172. While even a monopolist would increase its prices when the cost of its inputs increased, the economic necessity of passing through cost changes increases with the degree of competition a firm faces. The OEM and dealer markets for new motor vehicles are subject to vigorous price competition. The OEMs and dealers have thin net margins, and are therefore at the mercy of their component costs, such that increases in the price of components such as Inverters lead to corresponding increases in prices for new motor vehicles at the OEM and dealer levels. When downstream distribution markets are highly competitive, as they are in the case of new motor vehicles containing Inverters as components, overcharges are passed through to ultimate consumers, such as the indirect-purchaser Plaintiffs and members of the Classes.

173. Hence the inflated prices of Inverters in new motor vehicles resulting from Defendants' bid-rigging and price-fixing conspiracy have been passed on to Plaintiffs and the other members of the Classes by OEMs and dealers.

174. The economic and legal literature has recognized that unlawful overcharges in a component normally result in higher prices for products containing that price-fixed component. Two antitrust scholars – Professors Robert G. Harris (Professor Emeritus and former Chair of the

Business and Public Policy Group at the Haas School of Business at the University of California at Berkeley) and the late Lawrence A. Sullivan (Professor of Law Emeritus at Southwestern Law School and author of the Handbook of the Law of Antitrust) – have observed that “in a multiple-level chain of distribution, passing on monopoly overcharges is not the exception: it is the rule.”<sup>2</sup>

175. As Professor Jeffrey K. MacKie-Mason (Arthur W. Burks Professor for Information and Computer Science and Professor of Economics and Public Policy at the University of Michigan), an expert who presented evidence in a number of the indirect purchaser cases involving Microsoft Corporation, said (in a passage quoted in the judicial decision in that case granting class certification):

As is well known in economic theory and practice, at least some of the overcharge will be passed on by distributors to end consumers. When the distribution markets are highly competitive, as they are here, all or nearly the entire overcharge will be passed on through to ultimate consumers...Both of Microsoft’s experts also agree upon the economic phenomenon of cost pass through, and how it works in competitive markets. This general phenomenon of cost pass through is well established in antitrust laws and economics as well.<sup>3</sup>

176. The purpose of the conspiratorial conduct of Defendants and their co-conspirators was to raise, fix, rig or stabilize the price of Inverters and, as a direct and foreseeable result, the price of new motor vehicles containing Inverters. Economists have developed techniques to isolate and understand the relationship between one “explanatory” variable and a “dependent” variable in those cases when changes in the dependent variable are explained by changes in a

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<sup>2</sup> Robert G. Harris & Lawrence A. Sullivan, *Passing on the Monopoly Overcharge: A Comprehensive Policy Analysis*, 128 U. PA. L. REV. 268, 275 (1979).

<sup>3</sup> Order re: Class Certification at 13-14, *Coordination Proceedings Special Title (Rule 1550(b)) Microsoft I-V Cases*, No. J.C.C.P. No. 4106, (Cal. Sup. Ct. Aug. 29, 2000).

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multitude of variables, even when all such variables may be changing simultaneously. That analysis - called regression analysis - is commonly used in the real world and in litigation to determine the impact of a price increase on one cost in a product (or service) that is an assemblage of costs. Thus, it is possible to isolate and identify only the impact of an increase in the price of Inverters on prices for new motor vehicles even though such products contain a number of other components whose prices may be changing over time. A regression model can explain how variation in the price of Inverters affects changes in the price of new motor vehicles. In such models, the price of Inverters would be treated as an independent or explanatory variable. The model can isolate how changes in the price of Inverters impact the price of new motor vehicles containing Inverters while controlling for the impact of other price-determining factors.

177. The precise amount of the overcharge impacting the prices of new motor vehicles containing Inverters can be measured and quantified. Commonly used and well-accepted economic models can be used to measure both the extent and the amount of the supra-competitive charge passed through the chain of distribution. Thus, the economic harm to Plaintiffs and the members of the Classes can be quantified.

178. In addition to the regression analysis discussed above demonstrating impact on consumers, the Department of Justice's Antitrust Division, which has been investigating this cartel for some time, **has concluded that there is "no doubt" that consumers were hurt financially**. Sharis A. Pozen, then Acting Assistant Attorney General in charge of the Department of Justice's Antitrust Division said: "By rigging bids . . . [automotive parts manufacturers engaged in a price-fixing conspiracy] inflated what some of their auto manufacturing clients paid, and indirectly, what consumers paid for some cars." She also explained that "[a]s a result of this international price-fixing and bid-rigging conspiracy,

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automobile manufacturers paid noncompetitive and higher prices for parts in cars sold to U.S. consumers.” Ms. Pozen also stated that “[t]his cartel harmed an important industry in our nation’s economy, and the Antitrust Division with the Federal Bureau of Investigation will continue to work together to ensure that these kinds of conspiracies are stopped.” In a separate press statement, Ms. Pozen vowed to continue the investigation into “pernicious cartel conduct that results in higher prices to American consumers . . . .”

179. On February 15, 2013, Scott Hammond, the Deputy Assistant Attorney General in the DOJ’s Antitrust Division, discussed the DOJ’s ongoing automotive parts investigation in a Thomson Reuters article. He said “[t]he investigation is broader than what we’ve announced so far . . . . [The investigation] is still very much ongoing, but it already appears to be the biggest criminal antitrust investigation that we’ve ever encountered. *I say biggest with respect to the impact on U.S. businesses and consumers, and the number of companies and executives that are subject to the investigation.*” (emphasis added).

180. On September 26, 2013, United States Attorney General Eric Holder in the Antitrust Division presented the DOJ’s then most recent findings in the ongoing automotive parts investigation. He stated “[t]hese international price-fixing conspiracies affected more than \$5 billion in automobile parts sold to U.S. car manufacturers. In total, more than 24 million cars purchased by American consumers were affected by the illegal conduct.” Holder also described how the conspiracies worked: “[c]ompany executives met face to face in the United States and Japan – and talked on the phone – to reach collusive agreements to rig bids, fix prices and allocate the supply of automotive parts sold to U.S. car companies. To keep their illegal conduct secret, they used code names and met in remote locations. Then they followed up with each other regularly to make sure the collusive agreements were being adhered to.” Attorney General

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Holder explained that the automotive parts conspiracies “targeted U.S. manufacturing, U.S. businesses and U.S. consumers. As a result of these conspiracies, Americans paid more for their cars.”

181. On May 25, 2014, news sources reported that Brent Snyder, a deputy assistant attorney general in the Antitrust Division, said with respect to the automotive parts conspiracies, “[i]t’s a very, very safe assumption that U.S. consumers paid more, and sometimes significantly more, for their automobiles as a result of this conspiracy.”

182. By reason of the alleged violations of the antitrust laws herein, Plaintiffs and the members of the Classes have sustained injury to their businesses or property, having paid higher prices for Inverters than they would have paid in the absence of Defendants’ illegal contract, combination, or conspiracy, and, as a result, have suffered damages in an amount presently undetermined. This is an antitrust injury of the type that the antitrust laws were meant to punish and prevent.

### **PLAINTIFFS’ CLAIMS ARE NOT BARRED BY THE STATUTE OF LIMITATIONS**

#### **A. The Statute of Limitations Did Not Begin to Run Because Plaintiffs Did Not And Could Not Discover Their Claims**

183. Plaintiffs repeat and re-allege the allegations set forth above.

184. Plaintiffs and the members of the Classes had no knowledge of the combination or conspiracy alleged herein, or of facts sufficient to place them on inquiry notice of the claims set forth herein, until (at the earliest) September 26, 2013, the date that the DOJ publicly announced Defendant Hitachi Automotive Systems, Ltd.’s anticipated guilty plea.

185. Plaintiffs and members of the Classes are consumers who purchased or leased vehicles containing Inverters. They had no direct contact or interaction with Defendants and had no means from which they could have discovered the Inverters combination and conspiracy

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described in this Complaint before September 26, 2013, the date that the DOJ publicly announced Defendant Hitachi Automotive Systems, Ltd.'s anticipated guilty plea.

186. No information in the public domain was available to the Plaintiffs and the members of the Classes prior to September 26, 2013, the date that the DOJ publicly announced Defendant Hitachi Automotive Systems, Ltd.'s anticipated guilty plea, that revealed sufficient information to suggest that the Defendants were involved in a criminal conspiracy to price-fix and rig bids for Inverters. Plaintiffs and the members of the Classes had no means of obtaining any facts or information concerning any aspect of the Defendants' dealings with OEMs or other direct purchasers, much less the fact that they and their co-conspirators had engaged in the combination and conspiracy alleged herein.

187. For these reasons, the statute of limitations as to Plaintiffs' and the Classes' claims did not begin to run, and has been tolled with respect to the claims that Plaintiffs and the members of the Classes have alleged in this Complaint.

### **B. Fraudulent Concealment Tolled the Statute of Limitations**

188. In the alternative, application of the doctrine of fraudulent concealment tolled the statute of limitations on the claims asserted herein by Plaintiffs and the Classes. Plaintiffs and the members of the Classes did not discover, and could not discover through the exercise of reasonable diligence, the existence of the conspiracy alleged herein until September 26, 2013, the date that the DOJ publicly announced Defendant Hitachi Automotive Systems, Ltd.'s anticipated guilty plea.

189. Before that time, Plaintiffs and members of the Classes were unaware of Defendants' unlawful conduct, and did not know before then that they were paying supra-competitive prices for Inverters throughout the United States during the Class Period. No information, actual or constructive, was ever made available to Plaintiffs and members of the

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Classes that even hinted to Plaintiffs that they were being injured by Defendants' unlawful conduct.

190. The affirmative acts of Defendants alleged herein, including acts in furtherance of the conspiracy, were wrongfully concealed and carried out in a manner that precluded detection.

191. Specifically, as Attorney General Holder explained in connection with the DOJ's globally coordinated investigation into price-fixing in the Automotive parts industry, "[i]n order to keep their illegal conduct secret, [Defendants] used code names and met in remote locations."

192. As stated in the Information filed against Defendant Hitachi Automotive Systems, Ltd., the Defendants and their co-conspirators employed "measures to keep their conduct secret, including, but not limited to, using code names and meeting at remote locations."

193. A former executive of Defendant DENSO, Kazuaki Fujitani, pleaded guilty to a charge of obstruction of justice in which he admitted that he "corruptly destroyed and concealed records and documents by deleting numerous emails and electronic files from the period August 1, 2009 to January 4, 2010" for a related automotive part.

194. By its very nature, Defendants' anti-competitive conspiracy and unlawful combinations were inherently self-concealing. Inverters are not exempt from antitrust regulation and, thus, Plaintiffs and members of the Classes reasonably considered the Inverters industry to be a competitive industry. Defendants met and communicated in secret and agreed to keep the facts about their collusive conduct from being discovered by any member of the public or by the OEMs and other direct purchasers with whom they did business. Accordingly, a reasonable person under the circumstances would not have been alerted to begin to investigate the legitimacy of the Defendants' Inverter prices before September 26, 2013.

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195. Plaintiffs and the members of the Classes could not have discovered the alleged contract, conspiracy or combination at an earlier date by the exercise of reasonable diligence because of the deceptive practices and techniques of secrecy employed by the Defendants and their co-conspirators to avoid detection of, and fraudulently conceal, their contract, combination, or conspiracy.

196. Throughout the course of the conspiracy, Defendants met and communicated in secret to conceal their conspiracy from the public and avoid detection thereof. Above and beyond their acts in furtherance of the conspiracy, such as acts of bid rigging, Defendants engaged in surreptitious activity such as using code names and meeting at private residences or remote locations. The conspirators also coordinated their pricing in a manner to avoid detection by the OEMs. The exact dates and times of these meetings are within the knowledge of Defendants, including those Defendants and executives of those Defendants who have pleaded guilty to criminal violations of the Sherman Act.

197. Because the alleged conspiracy was both self-concealing and affirmatively concealed by the Defendants and their co-conspirators, Plaintiffs and members of the Classes had no knowledge of the alleged conspiracy, or of any facts or information that would have caused a reasonably diligent person to investigate whether a conspiracy existed, until September 26, 2013, the date that the DOJ publicly announced Defendant Hitachi Automotive Systems, Ltd.'s anticipated guilty plea.

198. For these reasons, the statute of limitations applicable to Plaintiffs' and the Classes' claims was tolled and did not begin to run until September 26, 2013.

**FIRST CLAIM FOR RELIEF**  
**Violation of Section 1 of the Sherman Act**  
**(on behalf of Plaintiffs and the Nationwide Class)**

199. Plaintiffs incorporate by reference the allegations in the preceding paragraphs.

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200. Defendants and unnamed conspirators entered into and engaged in a contract, combination, or conspiracy in unreasonable restraint of trade in violation of Section 1 of the Sherman Act (15 U.S.C. § 1).

201. The acts done by each of Defendants as part of, and in furtherance of, their and their co-conspirators' contract, combination, or conspiracy were authorized, ordered, or done by their officers, agents, employees, or representatives while actively engaged in the management of their affairs.

202. During the Class Period, Defendants and their co-conspirators entered into a continuing agreement, understanding and conspiracy in restraint of trade to artificially fix, raise, stabilize, and control prices for Inverters, thereby creating anti-competitive effects.

203. The anti-competitive acts were intentionally directed at the United States market for Inverters and had a substantial and foreseeable effect on interstate commerce by raising and fixing prices for Inverters throughout the United States.

204. The conspiratorial acts and combinations have caused unreasonable restraints in the market for Inverters.

205. As a result of Defendants' unlawful conduct, Plaintiffs and other similarly situated indirect purchasers in the Nationwide Class who purchased Inverters have been harmed by being forced to pay inflated, supra-competitive prices for Inverters.

206. In formulating and carrying out the alleged agreement, understanding and conspiracy, Defendants and their co-conspirators did those things that they combined and conspired to do, including but not limited to the acts, practices and course of conduct set forth herein.

207. Defendants' conspiracy had the following effects, among others:

- (a) Price competition in the market for Inverters has been restrained, suppressed, and/or eliminated in the United States;
- (b) Prices for Inverters sold by Defendants and their co-conspirators have been fixed, raised, maintained, and stabilized at artificially high, non-competitive levels throughout the United States; and
- (c) Plaintiffs and members of the Nationwide Class who purchased Inverters indirectly from Defendants and their co-conspirators have been deprived of the benefits of free and open competition.

208. Plaintiffs and members of the Nationwide Class have been injured and will continue to be injured in their business and property by paying more for Inverters purchased indirectly from Defendants and the co-conspirators than they would have paid and will pay in the absence of the conspiracy.

209. The alleged contract, combination, or conspiracy is a *per se* violation of the federal antitrust laws.

210. Plaintiffs and members of the Nationwide Class are entitled to an injunction against Defendants, preventing and restraining the violations alleged herein.

**SECOND CLAIM FOR RELIEF**  
**Violation of State Antitrust Statutes**  
**(on behalf of Plaintiffs and the Damages Class)**

211. Plaintiffs incorporate by reference the allegations in the preceding paragraphs.

212. During the Class Period, Defendants and their co-conspirators engaged in a continuing contract, combination or conspiracy with respect to the sale of Inverters in unreasonable restraint of trade and commerce and in violation of the various state antitrust and other statutes set forth below.

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213. The contract, combination, or conspiracy consisted of an agreement among the Defendants and their co-conspirators to fix, raise, inflate, stabilize, and/or maintain at artificially supracompetitive levels the prices for Inverters and to allocate customers for Inverters in the United States.

214. In formulating and effectuating this conspiracy, the Defendants and their co-conspirators performed acts in furtherance of the combination and conspiracy, including:

- (a) participating in meetings and conversations among themselves in the United States and elsewhere during which they agreed to price Inverters at certain levels, and otherwise to fix, increase, inflate, maintain, or stabilize effective prices paid by Plaintiffs and members of the Damages Class with respect to Inverters sold in the United States;
- (b) allocating customers and markets for Inverters in the United States in furtherance of their agreements; and
- (c) participating in meetings and conversations among themselves in the United States and elsewhere to implement, adhere to, and police the unlawful agreements they reached.

215. The Defendants and their co-conspirators engaged in the actions described above for the purpose of carrying out their unlawful agreements to fix, maintain, increase, or stabilize prices and to allocate customers with respect to Inverters.

216. The Defendants' anticompetitive acts described above were knowing and willful and constitute violations or flagrant violations of the following state antitrust statutes.

217. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Arizona Revised Statutes, §§ 44-1401, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Arizona; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Arizona; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Arizona commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants entered into agreements in restraint of trade in violation of Ariz. Rev. Stat. §§ 44-1401, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all forms of relief available under Ariz. Rev. Stat. §§ 44-1401, *et seq.*

218. Defendants have entered into an unlawful agreement in restraint of trade in violation of the California Business and Professions Code, §§ 16700, *et seq.*

(a) During the Class Period, the Defendants and their co-conspirators entered into and engaged in a continuing unlawful trust in restraint of the trade and commerce described above in violation of Section 16720, California Business and Professions Code. The Defendants have acted in violation of Section 16720 to

fix, raise, stabilize, and maintain prices of, and allocate markets for, Inverters at supracompetitive levels.

(b) The aforesaid violations of Section 16720, California Business and Professions Code, consisted, without limitation, of a continuing unlawful trust and concert of action among the Defendants and their co-conspirators, the substantial terms of which were to fix, raise, maintain, and stabilize the prices of, and to allocate markets for, Inverters.

(c) For the purpose of forming and effectuating the unlawful trust, the Defendants and their co-conspirators have done those things which they combined and conspired to do, including but in no way limited to the acts, practices and course of conduct set forth above and the following: (1) Fixing, raising, stabilizing, and pegging the price of Inverters; and (2) Allocating among themselves the production of Inverters.

(d) The combination and conspiracy alleged herein has had, inter alia, the following effects: (1) Price competition in the sale of Inverters has been restrained, suppressed, and/or eliminated in the State of California; (2) Prices for Inverters sold by the Defendants and their co-conspirators have been fixed, raised, stabilized, and pegged at artificially high, non-competitive levels in the State of California and throughout the United States; and (3) Those who purchased Inverters directly or indirectly from the Defendants and their co-conspirators have been deprived of the benefit of free and open competition.

(e) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business

and property in that they paid more for Inverters than they otherwise would have paid in the absence of the Defendants' unlawful conduct. As a result of the Defendants' violation of Section 16720 of the California Business and Professions Code, Plaintiffs and members of the Damages Class seek treble damages and their cost of suit, including a reasonable attorney's fee, pursuant to Section 16750(a) of the California Business and Professions Code.

219. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the District of Columbia Code Annotated §§ 28-4501, *et seq.*

(a) Defendants' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout the District of Columbia; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout the District of Columbia; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected District of Columbia commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of District of Columbia Code Ann. §§ 28-4501, *et*

*seq.* Accordingly, Plaintiffs and members of the Damages Class seek all forms of relief available under District of Columbia Code Ann. §§ 28-4501, *et seq.*

220. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Iowa Code §§ 553.1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Iowa; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Iowa; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Iowa commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Iowa Code §§ 553.1, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all forms of relief available under Iowa Code §§ 553.1, *et seq.*

221. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Kansas Statutes Annotated, §§ 50-101, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Kansas; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Kansas; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Kansas commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Kansas Stat. Ann. §§ 50-101, *et seq.*

Accordingly, Plaintiffs and members of the Damages Class seek all forms of relief available under Kansas Stat. Ann. §§ 50-101, *et seq.*

222. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Maine Revised Statutes, Maine Rev. Stat. Ann. 10, §§ 1101, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Maine; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Maine; (3) Plaintiffs and members of the Damages Class were deprived of free and open

competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Maine commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Maine Rev. Stat. Ann. 10, §§ 1101, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Maine Rev. Stat. Ann. 10, §§ 1101, *et seq.*

223. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Michigan Compiled Laws Annotated §§ 445.771, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Michigan; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Michigan; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Michigan commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Michigan Comp. Laws Ann. §§ 445.771, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Michigan Comp. Laws Ann. §§ 445.771, *et seq.*

224. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Minnesota Annotated Statutes §§ 325D.49, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Minnesota; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Minnesota; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Minnesota commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Minnesota Stat. §§ 325D.49, *et seq.*

Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Minnesota Stat. §§ 325D.49, *et seq.*

225. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Mississippi Code Annotated §§ 75-21-1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Mississippi; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Mississippi; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Mississippi commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Mississippi Code Ann. §§ 75-21-1, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Mississippi Code Ann. §§ 75-21-1, *et seq.*

226. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Nebraska Revised Statutes §§ 59-801, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Nebraska; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Nebraska; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Nebraska commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Nebraska Revised Statutes §§ 59-801, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Nebraska Revised Statutes §§ 59-801, *et seq.*

227. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Nevada Revised Statutes Annotated §§ 598A.010, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Nevada; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Nevada; (3) Plaintiffs and members of the Damages Class were deprived of free and open

competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Nevada commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Nevada Rev. Stat. Ann. §§ 598A.010, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Nevada Rev. Stat. Ann. §§ 598A.010, *et seq.*

228. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the New Hampshire Revised Statutes §§ 356:1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout New Hampshire; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout New Hampshire; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected New Hampshire commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of New Hampshire Revised Statutes §§ 356:1, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under New Hampshire Revised Statutes §§ 356:1, *et seq.*

229. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the New Mexico Statutes Annotated §§ 57-1-1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout New Mexico; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout New Mexico; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected New Mexico commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of New Mexico Stat. Ann. §§ 57-1-1, *et seq.*

Accordingly, Plaintiffs and members of the Damages Class seek all relief available under New Mexico Stat. Ann. §§ 57-1-1, *et seq.*

230. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the New York General Business Laws §§ 340, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout New York; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout New York; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters when they purchased vehicles containing Inverters, or purchased products that were otherwise of lower quality than they would have been absent the Defendants' and their co-conspirators' illegal acts, or were unable to purchase products that they would have otherwise have purchased absent the illegal conduct.

(b) During the Class Period, the Defendants' illegal conduct substantially affected New York commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of the New York Donnelly Act, §§ 340, *et seq.* The conduct set forth above is a *per se* violation of the Act. Accordingly,

Plaintiffs and members of the Damages Class seek all relief available under New York Gen. Bus. Law §§ 340, *et seq.*

231. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the North Carolina General Statutes §§ 75-1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout North Carolina; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout North Carolina; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected North Carolina commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of North Carolina Gen. Stat. §§ 75-1, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under North Carolina Gen. Stat. §§ 75-1, *et. seq.*

232. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the North Dakota Century Code §§ 51-08.1-01, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout North Dakota; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout North Dakota; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on North Dakota commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of North Dakota Cent. Code §§ 51-08.1-01, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under North Dakota Cent. Code §§ 51-08.1-01, *et seq.*

233. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Oregon Revised Statutes §§ 646.705, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Oregon; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Oregon; (3) Plaintiffs and members of the Damages Class were deprived of free and open

competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on Oregon commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Oregon Revised Statutes §§ 646.705, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Oregon Revised Statutes §§ 646.705, *et seq.*

234. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the South Dakota Codified Laws §§ 37-1-3.1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout South Dakota; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout South Dakota; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on South Dakota commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of South Dakota Codified Laws Ann. §§ 37-1, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under South Dakota Codified Laws Ann. §§ 37-1, *et seq.*

235. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Tennessee Code Annotated §§ 47-25-101, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Tennessee; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Tennessee; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on Tennessee commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Tennessee Code Ann. §§ 47-25-101, *et seq.*

Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Tennessee Code Ann. §§ 47-25-101, *et seq.*

236. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Utah Code Annotated §§ 76-10-911, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Utah; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Utah; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on Utah commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Utah Code Annotated §§ 76-10-911, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Utah Code Annotated §§ 76-10-911, *et seq.*

237. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Vermont Stat. Ann. 9 §§ 2453, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Vermont; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Vermont; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on Vermont commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Vermont Stat. Ann. 9 §§ 2453, *et seq.* Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Vermont Stat. Ann. 9 §§ 2453, *et seq.*

238. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the West Virginia Code §§ 47-18-1, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout West Virginia; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout West Virginia; (3) Plaintiffs and members of the Damages Class were deprived of free

and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on West Virginia commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of West Virginia Code §§ 47-18-1, *et seq.*

Accordingly, Plaintiffs and members of the Damages Class seek all relief available under West Virginia Code §§ 47-18-1, *et seq.*

239. The Defendants have entered into an unlawful agreement in restraint of trade in violation of the Wisconsin Statutes §§ 133.01, *et seq.*

(a) The Defendants' and their co-conspirators' combinations or conspiracies had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Wisconsin; (2) Inverter prices were raised, fixed, maintained and stabilized at artificially high levels throughout Wisconsin; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct had a substantial effect on Wisconsin commerce.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) By reason of the foregoing, the Defendants have entered into agreements in restraint of trade in violation of Wisconsin Stat. §§ 133.01, *et seq.*

Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Wisconsin Stat. §§ 133.01, *et seq.*

240. Plaintiffs and members of the Damages Class in each of the above states have been injured in their business and property by reason of the Defendants' unlawful combination, contract, conspiracy and agreement. Plaintiffs and members of the Damages Class have paid more for Inverters than they otherwise would have paid in the absence of the Defendants' unlawful conduct. This injury is of the type the antitrust laws of the above states were designed to prevent and flows from that which makes the Defendants' conduct unlawful.

241. In addition, the Defendants have profited significantly from the aforesaid conspiracy. The Defendants' profits derived from their anticompetitive conduct come at the expense and detriment of the Plaintiffs and the members of the Damages Class.

242. Accordingly, Plaintiffs and the members of the Damages Class in each of the above jurisdictions seek damages (including statutory damages where applicable), to be trebled or otherwise increased as permitted by a particular jurisdiction's antitrust law, and costs of suit, including reasonable attorneys' fees, to the extent permitted by the above state laws.

**THIRD CLAIM FOR RELIEF**  
**Violation of State Consumer Protection Statutes**  
**(on behalf of Plaintiffs and the Damages Class)**

243. Plaintiffs incorporate by reference the allegations in the preceding paragraphs.

## REDACTED

244. The Defendants engaged in unfair competition or unfair, unconscionable, deceptive or fraudulent acts or practices in violation of the state consumer protection and unfair competition statutes listed below.

245. Defendants have knowingly entered into an unlawful agreement in restraint of trade in violation of the Arkansas Code Annotated, § 4-88-101, *et seq.*

(a) Defendants knowingly agreed to, and did in fact, act in restraint of trade or commerce by affecting, fixing, controlling, and/or maintaining at non-competitive and artificially inflated levels, the prices at which Inverter Products were sold, distributed, or obtained in Arkansas and took efforts to conceal their agreements from Plaintiffs and members of the Damages Class.

(b) The aforementioned conduct on the part of the Defendants constituted “unconscionable” and “deceptive” acts or practices in violation of Arkansas Code Annotated, § 4-88-107(a)(10).

(c) Defendants’ unlawful conduct had the following effects: (1) Inverter Products price competition was restrained, suppressed, and eliminated throughout Arkansas; (2) Inverter Products prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Arkansas; (3) Plaintiffs and the members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and the members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(d) During the Class Period, Defendants’ illegal conduct substantially affected Arkansas commerce and consumers.

(e) As a direct and proximate result of the unlawful conduct of the Defendants, Plaintiff and the members of the Damages Class have been injured in their business and property and are threatened with further injury.

(f) Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Arkansas Code Annotated, § 4-88-107(a)(10) and, accordingly, Plaintiffs and the members of the Damages Class seek all relief available under that statute.

246. The Defendants have engaged in unfair competition or unfair, unconscionable, deceptive or fraudulent acts or practices in violation of California Business and Professions Code § 17200, *et seq.*

(a) During the Class Period, the Defendants committed and continue to commit acts of unfair competition, as defined by Sections 17200, *et seq.* of the California Business and Professions Code, by engaging in the acts and practices specified above.

(b) This claim is instituted pursuant to Sections 17203 and 17204 of the California Business and Professions Code, to obtain restitution from these Defendants for acts, as alleged herein, that violated Section 17200 of the California Business and Professions Code, commonly known as the Unfair Competition Law.

(c) The Defendants' conduct as alleged herein violated Section 17200. The acts, omissions, misrepresentations, practices and non-disclosures of Defendants, as alleged herein, constituted a common, continuous, and continuing course of conduct of unfair competition by means of unfair, unlawful, and/or fraudulent

business acts or practices within the meaning of California Business and Professions Code, Section 17200, *et seq.*, including, but not limited to, the following: (1) the violations of Section 1 of the Sherman Act, as set forth above; (2) the violations of Section 16720, *et seq.*, of the California Business and Professions Code, set forth above;

(d) The Defendants' acts, omissions, misrepresentations, practices, and non-disclosures, as described above, whether or not in violation of Section 16720, *et seq.*, of the California Business and Professions Code, and whether or not concerted or independent acts, are otherwise unfair, unconscionable, unlawful or fraudulent;

(e) The Defendants' acts or practices are unfair to purchasers of Inverters (or vehicles containing them) in the State of California within the meaning of Section 17200, California Business and Professions Code;

(f) The Defendants' acts and practices are fraudulent or deceptive within the meaning of Section 17200 of the California Business and Professions Code.

(g) Plaintiffs and members of the Damages Class are entitled to full restitution and/or disgorgement of all revenues, earnings, profits, compensation, and benefits that may have been obtained by the Defendants as a result of such business acts or practices.

(h) The illegal conduct alleged herein is continuing and there is no indication that the Defendants will not continue such activity into the future.

(i) The unlawful and unfair business practices of the Defendants have caused and continue to cause Plaintiffs and the members of the Damages Class to pay

supracompetitive and artificially-inflated prices for Inverters (or vehicles containing them). Plaintiffs and the members of the Damages Class suffered injury in fact and lost money or property as a result of such unfair competition.

(j) The conduct of the Defendants as alleged in this Complaint violates Section 17200 of the California Business and Professions Code.

(k) As alleged in this Complaint, the Defendants and their co-conspirators have been unjustly enriched as a result of their wrongful conduct and by the Defendants' unfair competition. Plaintiffs and the members of the Damages Class are accordingly entitled to equitable relief including restitution and/or disgorgement of all revenues, earnings, profits, compensation, and benefits that may have been obtained by the Defendants as a result of such business practices, pursuant to the California Business and Professions Code, Sections 17203 and 17204.

247. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of District of Columbia Code § 28-3901, *et seq.*

(a) The Defendants and their co-conspirators agreed to, and did in fact, act in restraint of trade or commerce by affecting, fixing, controlling and/or maintaining, at artificial and/or non-competitive levels, the prices at which Inverters were sold, distributed or obtained in the District of Columbia.

(b) The foregoing conduct constitutes "unlawful trade practices," within the meaning of D.C. Code § 28-3904. Plaintiffs were not aware of Defendants' price-fixing conspiracy and were therefore unaware that they were being unfairly and illegally overcharged. There was a gross disparity of bargaining power between

the parties with respect to the price charged by Defendants for Inverters.

Defendants had the sole power to set that price and Plaintiffs had no power to negotiate a lower price. Moreover, Plaintiffs lacked any meaningful choice in purchasing Inverters because they were unaware of the unlawful overcharge and there was no alternative source of supply through which Plaintiffs could avoid the overcharges. Defendants' conduct with regard to sales of Inverters, including their illegal conspiracy to secretly fix the price of Inverters at supra-competitive levels and overcharge consumers, was substantively unconscionable because it was one-sided and unfairly benefited Defendants at the expense of Plaintiffs and the public. Defendants took grossly unfair advantage of Plaintiffs. The suppression of competition that has resulted from Defendants' conspiracy has ultimately resulted in unconscionably higher prices for consumers so that there was a gross disparity between the price paid and the value received for Inverters.

(c) The Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout the District of Columbia; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout the District of Columbia; (3) Plaintiffs and the Damages Class were deprived of free and open competition; and (4) Plaintiffs and the Damages Class paid supracompetitive, artificially inflated prices for Inverter.

(d) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured and are threatened with further injury. The Defendants have engaged in unfair

competition or unfair or deceptive acts or practices in violation of District of Columbia Code § 28-3901, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

248. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of the Florida Deceptive and Unfair Trade Practices Act, Fla. Stat. §§ 501.201, *et seq.*

(a) The Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Florida; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Florida; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Florida commerce and consumers.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured and are threatened with further injury.

(d) The Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Florida Stat. § 501.201, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

## REDACTED

249. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of the Hawaii Revised Statutes Annotated §§ 480-1, *et seq.*

(a) The Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Hawaii; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Hawaii; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Hawaii commerce and consumers.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured and are threatened with further injury.

(d) The Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Hawaii Rev. Stat. § 480, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

250. Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of Mass. G.L. c. 93A, §2.

(a) Defendants were engaged in trade or commerce as defined by G.L. c. 93A.

(b) Defendants agreed to, and did in fact, act in restraint of trade or commerce in a market which includes Massachusetts, by affecting, fixing, controlling and/or

maintaining at artificial and non-competitive levels, the prices at which Inverters were sold, distributed, or obtained in Massachusetts and took efforts to conceal their agreements from Plaintiffs and members of the Damages Class.

(c) Defendants' unlawful conduct had the following effects: (1) Inverters price competition was restrained, suppressed, and eliminated throughout Massachusetts; (2) Inverters prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Massachusetts; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(d) As a direct and proximate result of defendants' unlawful conduct, Plaintiffs and members of the Damages Class were injured and are threatened with further injury.

(e) Certain of the Defendants have been or will be served with a demand letter in accordance with G.L. c. 93A, § 9, or, upon information and belief, such service of a demand letter was unnecessary due to the defendant not maintaining a place of business within the Commonwealth of Massachusetts or not keeping assets within the Commonwealth. More than thirty days has passed since such demand letters were served, and each Defendant served has failed to make a reasonable settlement offer.

(f) By reason of the foregoing, Defendants engaged in unfair competition and unfair or deceptive acts or practices, in violation of G.L. c. 93A, §2. Defendants'

and their co-conspirators' violations of Chapter 93A were knowing or willful, entitling Plaintiffs and members of the Damages Class to multiple damages.

251. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of the Missouri Merchandising Practices Act, Mo. Rev. Stat. § 407.010, *et. seq.*

- (a) Plaintiffs and the Damages Class purchased Inverters for personal, family, or household purposes.
- (b) The Defendants engaged in the conduct described herein in connection with the sale of Inverters in trade or commerce in a market that includes Missouri.
- (c) The Defendants and their co-conspirators agreed to, and did in fact, affect, fix, control, and/or maintain, at artificial and non-competitive levels, the prices at which Inverters were sold, distributed, or obtained in Missouri, which conduct constituted unfair practices in that it was unlawful under federal and state law, violated public policy, was unethical, oppressive and unscrupulous, and caused substantial injury to Plaintiffs and members of the Damages Class.
- (d) The Defendants concealed, suppressed, and omitted to disclose material facts to Plaintiffs and members of the Damages Class concerning their unlawful activities and artificially inflated prices for Inverters. The concealed, suppressed, and omitted facts would have been important to Plaintiffs and members of the Damages Class as they related to the cost of Inverters they purchased.
- (e) Defendants misrepresented the real cause of price increases and/or the absence of price reductions in Inverters by making public statements that were not in accord with the facts.

(f) Defendants' statements and conduct concerning the price of Inverters were deceptive as they had the tendency or capacity to mislead Plaintiffs and members of the Damages Class to believe that they were purchasing Inverters at prices established by a free and fair market.

(g) The Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Missouri; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Missouri; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(h) The foregoing acts and practices constituted unlawful practices in violation of the Missouri Merchandising Practices Act.

(i) As a direct and proximate result of the above-described unlawful practices, Plaintiffs and members of the Damages Class suffered ascertainable loss of money or property.

(j) Accordingly, Plaintiffs and members of the Damages Class seek all relief available under Missouri's Merchandising Practices Act, specifically Mo. Rev. Stat. § 407.020, which prohibits "the act, use or employment by any person of any deception, fraud, false pretense, false promise, misrepresentation, unfair practice or the concealment, suppression, or omission of any material fact in connection with the sale or advertisement of any merchandise in trade or commerce..." as further interpreted by the Missouri Code of State Regulations, 15 CSR 60-7.010,

*et seq.*, 15 CSR 60-8.010, *et seq.*, and 15 CSR 60-9.010, *et seq.*, and Mo. Rev. Stat. § 407.025, which provides for the relief sought in this count.

252. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of the Montana Consumer Protection Act of 1973, Mont. Code, §§ 30-14-101, *et seq.*

(a) The Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Montana; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Montana; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supracompetitive, artificially inflated prices for Inverters.

(b) During the Class Period, the Defendants' illegal conduct substantially affected Montana commerce and consumers.

(c) As a direct and proximate result of the Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured and are threatened with further injury.

(d) Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Mont. Code, §§ 30-14-101, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

253. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of the New Mexico Stat. § 57-12-1, *et seq.*

(a) Defendants and their co-conspirators agreed to, and did in fact, act in restraint of trade or commerce by affecting, fixing, controlling and/or maintaining at non-competitive and artificially inflated levels, the prices at which Inverters were sold, distributed or obtained in New Mexico and took efforts to conceal their agreements from Plaintiffs and members of the Damages Class.

(b) The aforementioned conduct on the part of Defendants constituted “unconscionable trade practices,” in violation of N.M.S.A. Stat. § 57-12-3, in that such conduct, *inter alia*, resulted in a gross disparity between the value received by Plaintiffs and the members of the Damages Class and the prices paid by them for Inverters as set forth in N.M.S.A., § 57-12-2E. Plaintiffs were not aware of Defendants’ price-fixing conspiracy and were therefore unaware that they were being unfairly and illegally overcharged. There was a gross disparity of bargaining power between the parties with respect to the price charged by Defendants for Inverters. Defendants had the sole power to set that price and Plaintiffs had no power to negotiate a lower price. Moreover, Plaintiffs lacked any meaningful choice in purchasing Inverters because they were unaware of the unlawful overcharge and there was no alternative source of supply through which Plaintiffs’ could avoid the overcharges. Defendants’ conduct with regard to sales of Inverters, including their illegal conspiracy to secretly fix the price of Inverters at supra-competitive levels and overcharge consumers, was substantively unconscionable because it was one-sided and unfairly benefited Defendants at the expense of Plaintiffs and the public. Defendants took grossly unfair advantage of Plaintiffs. The suppression of competition that has resulted from Defendants’

conspiracy has ultimately resulted in unconscionably higher prices for consumers so that there was a gross disparity between the price paid and the value received for Inverters.

(c) Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout New Mexico; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout New Mexico; (3) Plaintiffs and the members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and the members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(d) During the Class Period, Defendants' illegal conduct substantially affected New Mexico commerce and consumers.

(e) As a direct and proximate result of the unlawful conduct of Defendants, Plaintiffs and the members of the Damages Class have been injured and are threatened with further injury.

(f) Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of New Mexico Stat. § 57-12-1, *et seq.*, and, accordingly, Plaintiffs and the members of the Damages Class seek all relief available under that statute.

254. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of N.Y. Gen. Bus. Law § 349, *et seq.*

(a) Defendants and their co-conspirators agree to, and did in fact, act in restraint of trade or commerce by affecting, fixing, controlling and/or

maintaining, at artificial and non-competitive levels, the prices at which Inverters were sold, distributed or obtained in New York and took efforts to conceal their agreements from Plaintiffs and members of the Damages Class.

(b) Defendants and their co-conspirators made public statements about the prices of Inverters and products containing Inverters that Defendants knew would be seen by New York consumers; such statements either omitted material information that rendered the statements that they made materially misleading or affirmatively misrepresented the real cause of price increases for Inverters and products containing Inverters; and Defendants alone possessed material information that was relevant to consumers, but failed to provide the information.

(c) Because of Defendants' unlawful trade practices in the State of New York, New York consumer class members who indirectly purchased Inverters were misled to believe that they were paying a fair price for Inverters or the price increases for Inverters were for valid business reasons; and similarly situated consumers were potentially affected by Defendants' conspiracy.

(d) Defendants knew that their unlawful trade practices with respect to pricing Inverters would have an impact on New York consumers and not just Defendants' direct customers.

(e) Defendants knew that their unlawful trade practices with respect to pricing Inverters would have a broad impact, causing consumer class members who indirectly purchased Inverters to be injured by paying more for Inverters than they would have paid in the absence of Defendants' unlawful trade acts and practices.

(f) The conduct of Defendants described herein constitutes consumer-oriented deceptive acts or practices within the meaning of N.Y. Gen. Bus. Law § 349, which resulted in consumer injury and broad adverse impact on the public at large, and harmed the public interest of New York State in an honest marketplace in which economic activity is conducted in a competitive manner.

(g) Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout New York; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout New York; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(h) During the Class Period, Defendants marketed, sold, or distributed Inverters in New York, and Defendants' illegal conduct substantially affected New York commerce and consumers.

(i) During the Class Period, each of Defendants named herein, directly, or indirectly and through affiliates they dominated and controlled, manufactured, sold and/or distributed Inverters in New York.

(j) Plaintiffs and members of the Damages Class seek all relief available pursuant to N.Y. Gen. Bus. Law § 349 (h).

255. The Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of North Carolina Gen. Stat. § 75-1.1, *et seq.*

(a) Defendants agreed to, and did in fact, act in restraint of trade or commerce by affecting, fixing, controlling and/or maintaining, at artificial and non-

competitive levels, the prices at which Inverters were sold, distributed or obtained in North Carolina and took efforts to conceal their agreements from Plaintiffs and members of the Damages Class.

(b) Defendants' price-fixing conspiracy could not have succeeded absent deceptive conduct by Defendants to cover up their illegal acts. Secrecy was integral to the formation, implementation and maintenance of Defendants' price-fixing conspiracy. Defendants committed inherently deceptive and self-concealing actions, of which Plaintiffs could not possibly have been aware. Defendants and their co-conspirators publicly provided pre-textual and false justifications regarding their price increases. Defendants' public statements concerning the price of Inverters created the illusion of competitive pricing controlled by market forces rather than supra-competitive pricing driven by Defendants' illegal conspiracy. Moreover, Defendants deceptively concealed their unlawful activities by mutually agreeing not to divulge the existence of the conspiracy to outsiders, conducting meetings and conversations in secret, confining the plan to a small group of higher-level officials at each company and avoiding the creation of documents which would reveal the antitrust violations.

(c) The conduct of Defendants described herein constitutes consumer-oriented deceptive acts or practices within the meaning of North Carolina law, which resulted in consumer injury and broad adverse impact on the public at large, and harmed the public interest of North Carolina consumers in an honest marketplace in which economic activity is conducted in a competitive manner.

(d) Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout North Carolina; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout North Carolina; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(e) During the Class Period, Defendants marketed, sold, or distributed Inverters in North Carolina, and Defendants' illegal conduct substantially affected North Carolina commerce and consumers.

(f) During the Class Period, each of Defendants named herein, directly, or indirectly and through affiliates they dominated and controlled, manufactured, sold and/or distributed Inverters in North Carolina.

(g) Plaintiffs and members of the Damages Class seek actual damages for their injuries caused by these violations in an amount to be determined at trial and are threatened with further injury. Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of North Carolina Gen. Stat. § 75-1.1, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

256. Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of the Rhode Island Unfair Trade Practice and Consumer Protection Act, R.I. Gen. Laws §§ 6-13.1-1, *et seq.*

(a) Members of this Damages Class purchased Inverters for personal, family, or household purposes.

(b) Defendants and their co-conspirators agreed to, and did in fact, act in restraint of trade or commerce in a market that includes Rhode Island, by affecting, fixing, controlling, and/or maintaining, at artificial and non-competitive levels, the prices at which Inverters were sold, distributed, or obtained in Rhode Island.

(c) Defendants deliberately failed to disclose material facts to Plaintiffs and members of the Damages Class concerning their unlawful activities and artificially inflated prices for Inverters. Defendants owed a duty to disclose such facts, and considering the relative lack of sophistication of the average, non-business consumer, they breached that duty by their silence. Defendants misrepresented to all consumers during the Class Period that their Inverter prices were competitive and fair.

(d) Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Rhode Island; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Rhode Island; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(e) As a direct and proximate result of Defendants' violations of law, Plaintiffs and members of the Damages Class suffered an ascertainable loss of money or property as a result of Defendants' use or employment of

unconscionable and deceptive commercial practices as set forth above. That loss was caused by Defendants' willful and deceptive conduct, as described herein.

(f) Defendants' deception, including their affirmative misrepresentations and omissions concerning the price of Inverters, likely misled all consumers acting reasonably under the circumstances to believe that they were purchasing Inverters at prices set by a free and fair market. Defendants' affirmative misrepresentations and omissions constitute information important to Plaintiffs and members of the Damages Class as they related to the cost of Inverters they purchased.

(g) Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Rhode Island Gen. Laws. § 6-13.1-1, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

257. Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of South Carolina Unfair Trade Practices Act, S.C. Code Ann. §§ 39-5-10, *et seq.*

(a) Defendants' combinations or conspiracies had the following effects: (1) Inverters price competition was restrained, suppressed, and eliminated throughout South Carolina; (2) Inverters prices were raised, fixed, maintained, and stabilized at artificially high levels throughout South Carolina; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(b) During the Class Period, Defendants' illegal conduct had a substantial effect on South Carolina commerce.

(c) As a direct and proximate result of Defendants' unlawful conduct, Plaintiffs and members of the Damages Class have been injured in their business and property and are threatened with further injury.

(d) Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of S.C. Code Ann. §§ 39-5-10, *et seq.*, and, accordingly, Plaintiffs and the members of the Damages Class seek all relief available under that statute.

258. Defendants have engaged in unfair competition or unfair, unconscionable, or deceptive acts or practices in violation of 9 Vermont § 2451, *et seq.*

(a) Defendants agreed to, and did in fact, act in restraint of trade or commerce in a market that includes Vermont by affecting, fixing, controlling, and/or maintaining, at artificial and non-competitive levels, the prices at which Inverters were sold, distributed, or obtained in Vermont.

(b) Defendants deliberately failed to disclose material facts to Plaintiffs and members of the Damages Class concerning their unlawful activities and artificially inflated prices for Inverters. Defendants owed a duty to disclose such facts, and considering the relative lack of sophistication of the average, non-business consumer, Defendants breached that duty by their silence. Defendants misrepresented to all consumers during the Class Period that their Inverter prices were competitive and fair.

(c) Defendants' unlawful conduct had the following effects: (1) Inverter price competition was restrained, suppressed, and eliminated throughout Vermont; (2) Inverter prices were raised, fixed, maintained, and stabilized at artificially high levels throughout Vermont; (3) Plaintiffs and members of the Damages Class were deprived of free and open competition; and (4) Plaintiffs and members of the Damages Class paid supra-competitive, artificially inflated prices for Inverters.

(d) As a direct and proximate result of Defendants' violations of law, Plaintiffs and members of the Damages Class suffered an ascertainable loss of money or property as a result of Defendants' use or employment of unconscionable and deceptive commercial practices as set forth above. That loss was caused by Defendants' willful and deceptive conduct, as described herein.

(e) Defendants' deception, including their affirmative misrepresentations and omissions concerning the prices of Inverters, likely misled all purchasers acting reasonably under the circumstances to believe that they were purchasing Inverters at prices set by a free and fair market. Defendants' misleading conduct and unconscionable activities constitutes unfair competition or unfair or deceptive acts or practices in violation of 9 Vermont § 2451, *et seq.*, and, accordingly, Plaintiffs and members of the Damages Class seek all relief available under that statute.

**FOURTH CLAIM FOR RELIEF**

**Unjust Enrichment**

**(on behalf of Plaintiffs and the Damages Class)**

259. Plaintiffs incorporate by reference the allegations in the preceding paragraphs.

260. Plaintiffs bring this claim under the laws of all states listed in the Second and

Third Claims, *supra*.

## **REDACTED**

261. As a result of their unlawful conduct described above, Defendants have and will continue to be unjustly enriched. Defendants have been unjustly enriched by the receipt of, at a minimum, unlawfully inflated prices and unlawful profits on sales of Inverters.

262. Defendants have benefited from their unlawful acts and it would be inequitable for Defendants to be permitted to retain any of the ill-gotten gains resulting from the overpayments made by Plaintiffs of the members of the Damages Class for Inverters.

263. Plaintiffs and the members of the Damages Class are entitled to the amount of Defendants' ill-gotten gains resulting from their unlawful, unjust, and inequitable conduct. Plaintiffs and the members of the Damages Class are entitled to the establishment of a constructive trust consisting of all ill-gotten gains from which Plaintiffs and the members of the Damages Class may make claims on a pro rata basis.

264. Pursuit of any remedies against the firms from which Plaintiffs and the members of the Damages Class purchased vehicles containing Inverters subject to Defendants' conspiracy would have been futile, given that those firms did not take part in Defendants' conspiracy.

### **PRAYER FOR RELIEF**

Accordingly, Plaintiffs respectfully request that:

265. The Court determine that this action may be maintained as a class action under Rule 23(a), (b)(2) and (b)(3) of the Federal Rules of Civil Procedure, and direct that reasonable notice of this action, as provided by Rule 23(c)(2) of the Federal Rules of Civil Procedure, be given to each and every member of the Classes;

266. That the unlawful conduct, contract, conspiracy, or combination alleged herein be adjudged and decreed:

## REDACTED

- (a) An unreasonable restraint of trade or commerce in violation of Section 1 of the Sherman Act;
- (b) A *per se* violation of Section 1 of the Sherman Act; and
- (c) An unlawful combination, trust, agreement, understanding and/or concert of action in violation of the state antitrust and unfair competition and consumer protection laws as set forth herein.
- (d) Acts of unjust enrichment by Defendants as set forth herein.

267. Plaintiffs and the members of the Damages Class recover damages, to the maximum extent allowed under such laws, and that a joint and several judgment in favor of Plaintiffs and the members of the Damages Class be entered against the Defendants in an amount to be trebled to the extent such laws permit;

268. Plaintiffs and the members of the Damages Class recover damages, to the maximum extent allowed by such laws, in the form of restitution and/or disgorgement of profits unlawfully gained from them;

269. Defendants, their affiliates, successors, transferees, assignees and other officers, directors, partners, agents and employees thereof, and all other persons acting or claiming to act on their behalf or in concert with them, be permanently enjoined and restrained from in any manner continuing, maintaining or renewing the conduct, contract, conspiracy, or combination alleged herein, or from entering into any other contract, conspiracy, or combination having a similar purpose or effect, and from adopting or following any practice, plan, program, or device having a similar purpose or effect;

**REDACTED**

270. Plaintiffs and the members of the Damages Class be awarded restitution, including disgorgement of profits the Defendants obtained as a result of their acts of unfair competition and acts of unjust enrichment;

271. Plaintiffs and the members of the Classes be awarded pre- and post- judgment interest as provided by law, and that such interest be awarded at the highest legal rate from and after the date of service of this Complaint;

272. Plaintiffs and the members of the Classes recover their costs of suit, including reasonable attorneys' fees, as provided by law; and

273. Plaintiffs and members of the Classes have such other and further relief as the case may require and the Court may deem just and proper.

DATED: December 19, 2014

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**JURY DEMAND**

Plaintiffs demand a trial by jury, pursuant to Rule 38(b) of the Federal Rules of Civil Procedure, of all issues so triable.

DATED: December 19, 2014

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