

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE**

INVENSAS CORPORATION,)	
Plaintiff,)	
v.)	Civil Action No. 11-448 (GMS) (CJB)
RENESAS ELECTRONICS CORPORATION AND RENESAS ELECTRONICS AMERICA INC.,)	
Defendants.)	DEMAND FOR JURY TRIAL

**INVENSAS CORPORATION'S AMENDED COMPLAINT
FOR PATENT INFRINGEMENT**

Plaintiff Invensas Corporation ("Invensas") hereby pleads the following claims for patent infringement against Defendants Renesas Electronics Corporation and Renesas Electronics America Inc. (collectively, "Renesas"), and alleges as follows:

THE PARTIES

1. Plaintiff Invensas is a corporation organized and existing under the laws of the State of Delaware and having its principal place of business at 2702 Orchard Parkway, San Jose, California 95134. Invensas was previously known as Tessera Intellectual Properties, Inc.
2. On information and belief, Defendant Renesas Electronics Corporation is a corporation organized and existing under the laws of Japan and having its principal place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan. On information and belief, Renesas Electronics Corporation conducts business throughout the United States and in this judicial district, personally and through its wholly-owned subsidiaries, including Renesas Electronics America Inc.

3. On information and belief, Defendant Renesas Electronics America Inc. is a corporation organized and existing under the laws of the state of California and having its principal place of business at 2880 Scott Boulevard, Santa Clara, California 95050. On information and belief, Renesas Electronics America Inc. conducts business throughout the United States and in this judicial district, including by selling and offering for sale Renesas products.

JURISDICTION AND VENUE

4. This is an action for patent infringement under the Patent Laws of the United States of America, 35 U.S.C. §§ 1 *et seq.*, including 35 U.S.C. § 271. This Court has subject matter jurisdiction over the matters pleaded herein under 28 U.S.C. §§ 1338(a) and § 1331.

5. This Court has personal jurisdiction over Defendants because, among other reasons, Defendants have done business in this judicial district, have committed and continue to commit acts of patent infringement in this judicial district, have harmed and continue to harm Invensas in this judicial district by, among other things, using, selling, and offering for sale infringing products and services, including by way of example semiconductor packages and products containing the same, in this judicial district, have purposefully availed themselves of the rights and benefits of Delaware law, and have substantial and continuing contacts with Delaware. Invensas is also informed and believes, and thereon alleges, that Defendants have placed infringing devices into the stream of commerce by shipping those products into this District or knowing that the devices would be shipped into this district.

6. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391 (b) and (c) because, among other reasons, Defendants are subject to personal jurisdiction and have committed acts of infringement in this judicial district.

FIRST CLAIM FOR PATENT INFRINGEMENT

Infringement of U.S. Patent No. 6,777,802

7. Invensas hereby incorporates the allegations of Paragraphs 1 through 6 as if fully set forth herein.

8. United States Patent No. 6,777,802 (the '802 patent), entitled "Integrated Circuit Package Substrate with Multiple Voltage Supplies," was duly and legally issued on August 17, 2004. Invensas is the owner by assignment of all right, title and interest in and to the '802 patent. A copy of the '802 patent is attached as Exhibit A.

9. Invensas is informed and believes, and thereon alleges, that Defendants have infringed and are currently infringing the '802 patent in violation of 35 U.S.C. § 271 by, among other things, making, using, selling, offering to sell, and/or importing infringing devices, including, by way of example and without limitation, infringing semiconductor assemblies, within this judicial district and elsewhere in the United States, without authority or license from Invensas. Defendants also have on information and belief infringed and continue to infringe the '802 patent by actively inducing infringement and/or contributorily infringing the '802 patent. Defendants are therefore liable to Invensas under 35 U.S.C. § 271.

10. Defendants' infringement of the '802 patent has been and continues to be willful and deliberate, entitling Invensas to increased damages under 35 U.S.C. § 284.

11. Defendants' acts of infringement have caused damage to Invensas, and Invensas is entitled to recover from Defendants the damages sustained as a result of Defendants' wrongful acts in an amount yet to be determined and subject to proof at trial.

12. Unless enjoined, Defendants' infringement of Invensas's rights under the '802 patent will continue to damage Invensas, causing Invensas irreparable injury as a direct and proximate result of Defendants' conduct.

SECOND CLAIM FOR PATENT INFRINGEMENT

Infringement of U.S. Patent No. 6,825,554

13. Invensas hereby incorporates the allegations of Paragraphs 1 through 12 as if fully set forth herein.

14. United States Patent No. 6,825,554 (the '554 patent), entitled "PBGA Electrical Noise Isolation of Signal Traces," was duly and legally issued on November 30, 2004. Invensas is the owner by assignment of all right, title and interest in and to the '554 patent. A copy of the '554 patent is attached as Exhibit B.

15. Invensas is informed and believes, and thereon alleges, that Defendants have infringed and are currently infringing the '554 patent in violation of 35 U.S.C. § 271 by, among other things, making, using, selling, offering to sell, and/or importing infringing devices, including, by way of example and without limitation, infringing semiconductor assemblies, within this judicial district and elsewhere in the United States, without authority or license from Invensas. Defendants also have on information and belief infringed and continue to infringe the '554 patent by actively inducing infringement and/or contributorily infringing the '554 patent. Defendants are therefore liable to Invensas under 35 U.S.C. § 271.

16. Defendants' infringement of the '554 patent has been and continues to be willful and deliberate, entitling Invensas to increased damages under 35 U.S.C. § 284.

17. Defendants' acts of infringement have caused damage to Invensas, and Invensas is entitled to recover from Defendants the damages sustained as a result of Defendants' wrongful acts in an amount yet to be determined and subject to proof at trial.

18. Unless enjoined, Defendants' infringement of Invensas's rights under the '554 patent will continue to damage Invensas, causing Invensas irreparable injury as a direct and proximate result of Defendants' conduct.

THIRD CLAIM FOR PATENT INFRINGEMENT

Infringement of U.S. Patent No. 6,566,167

19. Invensas hereby incorporates the allegations of Paragraphs 1 through 18 as if fully set forth herein.

20. United States Patent No. 6,566,167 (the '167 patent), entitled "PBGA Electrical Noise Isolation of Signal Traces," was duly and legally issued on May 20, 2003. Invensas is the owner by assignment of all right, title and interest in and to the '167 patent. A copy of the '167 patent is attached as Exhibit C.

21. Invensas is informed and believes, and thereon alleges, that Defendants have infringed and are currently infringing the '167 patent in violation of 35 U.S.C. § 271 by, among other things, making, using, selling, offering to sell, and/or importing infringing devices, including, by way of example and without limitation, infringing semiconductor assemblies, within this judicial district and elsewhere in the United States, without authority or license from Invensas. Defendants also have on information and belief infringed and continue to infringe the '167 patent by actively inducing infringement and/or contributorily infringing the '167 patent. Defendants are therefore liable to Invensas under 35 U.S.C. § 271.

22. Defendants' infringement of the '167 patent has been and continues to be willful and deliberate, entitling Invensas to increased damages under 35 U.S.C. § 284.

23. Defendants' acts of infringement have caused damage to Invensas, and Invensas is entitled to recover from Defendants the damages sustained as a result of Defendants' wrongful acts in an amount yet to be determined and subject to proof at trial.

24. Unless enjoined, Defendants' infringement of Invensas's rights under the '167 patent will continue to damage Invensas, causing Invensas irreparable injury as a direct and proximate result of Defendants' conduct.

FOURTH CLAIM FOR PATENT INFRINGEMENT

Infringement of U.S. Patent No. 6,396,140

25. Invensas hereby incorporates the allegations of Paragraphs 1 through 24 as if fully set forth herein.

26. United States Patent No. 6,396,140 (the '140 patent), entitled "Single Reference Plane Plastic Ball Grid Array Package," was duly and legally issued on May 28, 2002. Invensas is the owner by assignment of all right, title and interest in and to the '140 patent. A copy of the '140 patent is attached as Exhibit D.

27. Invensas is informed and believes, and thereon alleges, that Defendants have infringed and are currently infringing the '140 patent in violation of 35 U.S.C. § 271 by, among other things, making, using, selling, offering to sell, and/or importing infringing devices, including, by way of example and without limitation, infringing semiconductor assemblies, within this judicial district and elsewhere in the United States, without authority or license from Invensas. Defendants also have on information and belief infringed and

continue to infringe the '140 patent by actively inducing infringement and/or contributorily infringing the '140 patent. Defendants are therefore liable to Invensas under 35 U.S.C. § 271.

28. Defendants' infringement of the '140 patent has been and continues to be willful and deliberate, entitling Invensas to increased damages under 35 U.S.C. § 284.

29. Defendants' acts of infringement have caused damage to Invensas, and Invensas is entitled to recover from Defendants the damages sustained as a result of Defendants' wrongful acts in an amount yet to be determined and subject to proof at trial.

30. Unless enjoined, Defendants' infringement of Invensas's rights under the '140 patent will continue to damage Invensas, causing Invensas irreparable injury as a direct and proximate result of Defendants' conduct.

PRAYER FOR RELIEF

WHEREFORE, Invensas prays for the entry of judgment in favor of Invensas as follows:

- A. That Defendants have infringed, induced others to infringe, and/or committed acts of contributory infringement of one or more claims of the '802, '554, '167 and '140 patents (the "Patents-In-Suit");
- B. That Defendants, and their affiliates, subsidiaries, directors, officers, employees, attorneys, agents and all persons in active concert or participation with any of them be preliminarily and permanently enjoined from further acts of infringement, inducing infringement, or contributory infringement of the Patents-In-Suit;
- C. That Defendants pay Invensas damages in an amount adequate to compensate Invensas for Defendants' infringement of the Patents-In-Suit,

but in no event less than a reasonable royalty, together with interest and costs under 35 U.S.C. § 284;

- D. That Defendants be ordered to provide an accounting;
- E. That Defendants be ordered to pay supplemental damages to Invensas, including without limitation interest;
- F. That the infringement be adjudged willful and that the damages be increased under 35 U.S.C § 284 to three times the amount found or measured;
- G. That this be adjudged an exceptional case and that Invensas be awarded its attorneys' fees pursuant to 35 U.S.C. § 285;
- H. That Defendants be required to pay pre- and post-judgment interest on the damages assessed; and
- I. That Invensas be awarded such other and further relief as this Court deems just and proper.

DEMAND FOR JURY TRIAL

Invensas hereby demands a trial by jury on all issues so triable.

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