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U.S. DISTRICT COURT
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TEXAS-EASTERN
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IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
TYLER DIVISION

MOSAID Technologies Inc.

Plaintiff,

v.

Hynix Semiconductor Inc.,
Hynix Semiconductor America Inc., and
Hynix Semiconductor Manufacturing America, Inc.;

Defendants.

Civil Action No.
Jury Demanded

6:05cv13

**COMPLAINT FOR PATENT INFRINGEMENT
AND JURY DEMAND**

THE PARTIES

1. Plaintiff MOSAID Technologies Incorporated ("MOSAID") is an Ontario corporation that maintains its principal place of business at 11 Hines Road, Kanata, Ontario K2K 2X1, Canada.
2. Defendant Hynix Semiconductor Inc. is a foreign corporation that maintains its principal place of business at San 136-1, Ami-ri, Bubal-eub, Ichon, Kyonggi 467-860, South Korea.
3. Defendant Hynix Semiconductor America Inc. is a California corporation that maintains its principal place of business at 3101 N. First St., San Jose, California 95134.
4. Defendant Hynix Semiconductor Manufacturing America, Inc. is a California corporation that maintains its principal place of business at 1830 Willow Creek Cir., Eugene, Oregon 97402.

JURISDICTION AND VENUE

5. This action arises under the patent laws of the United States, Title 35, United States Code. The jurisdiction of this Court is proper under 35 U.S.C. § 271 et seq. and 28 U.S.C. § 1338.
6. Personal jurisdiction exists generally over each of the defendants because each has minimum contacts with this forum as a result of business regularly conducted within this district and/or specifically as a result of, at least, the defendants' distribution network wherein the defendants place their dynamic random access memories ("DRAMs") that infringe MOSAID's patents within the stream of commerce, which stream is directed at this district, and by committing the tort of patent infringement within this district.
7. Venue is proper in this Court under 28 U.S.C. § § 1391(c) and (d) as well as 28 U.S.C. § 1400(b).

PATENT INFRINGEMENT

8. MOSAID is the owner of United States Patent No. 5,822,253 ("the '253 patent"), which duly and legally issued for the invention of a dynamic memory word line driver.
9. Defendants have infringed and are infringing the '253 patent by making, using, importing, offering for sale and/or selling in the United States, without authority, products, including DRAMs with dynamic memory word line drivers that embody the invention patented within the '253 patent, and, on information and belief, by actively inducing and/or contributing to infringement of said patent by others. Defendants will continue to infringe the '253 patent unless enjoined by this Court.
10. Defendants' infringement of the '253 patent is willful.
11. MOSAID is the owner of United States Patent No. 6,278,640 ("the '640 patent"), which duly and legally issued for the invention of a dynamic memory word line driver.

12. Defendants have infringed and are infringing the '640 patent by making, using, importing, offering for sale and/or selling in the United States, without authority, products, including DRAMs with dynamic memory word line drivers that embody the invention patented within the '640 patent, and, on information and belief, by actively inducing and/or contributing to infringement of said patent by others. Defendants will continue to infringe the '640 patent unless enjoined by this Court.
13. Defendants' infringement of the '640 patent is willful.
14. MOSAID is the owner of United States Patent No. 6,603,703 ("the '703 patent"), which duly and legally issued for the invention of a dynamic memory word line driver.
15. Defendants have infringed and are infringing the '703 patent by making, using, importing, offering for sale and/or selling in the United States, without authority, products, including DRAMs with dynamic memory word line drivers that embody the invention patented within the '703 patent, and, on information and belief, by actively inducing and/or contributing to infringement of said patent by others. Defendants will continue to infringe the '703 patent unless enjoined by this Court.
16. Defendants' infringement of the '703 patent is willful.
17. MOSAID is the owner of United States Patent No. 5,828,620 ("the '620 patent"), which duly and legally issued for the invention of a high voltage boosted word line supply charge pump and regulator for a DRAM.
18. Defendants have infringed and are infringing the '620 patent by making, using, importing, offering for sale and/or selling in the United States, without authority, products, including DRAMs with high voltage boosted word line supply charge pumps that embody the invention patented within the '620 patent, and, on information and belief,

by actively inducing and/or contributing to infringement of said patent by others.

Defendants will continue to infringe the '620 patent unless enjoined by this Court.

19. Defendants' infringement of the '620 patent is willful.

20. MOSAID is the owner of United States Patent No. 6,055,201 ("the '201 patent"), which duly and legally issued for the invention of a high voltage boosted word line supply charge pump and regulator for a DRAM.

21. Defendants have infringed and are infringing the '201 patent by making, using, importing, offering for sale and/or selling in the United States, without authority, products, including DRAMs with high voltage boosted word line supply charge pumps that embody the invention patented within the '201 patent, and, on information and belief, by actively inducing and/or contributing to infringement of said patent by others. Defendants will continue to infringe the '201 patent unless enjoined by this Court.

22. Defendants' infringement of the '201 patent is willful.

23. MOSAID is the owner of United States Patent No. 6,580,654 ("the '654 patent"), which duly and legally issued for the invention of a high voltage boosted word line supply charge pump and regulator for a DRAM.

24. Defendants have infringed and are infringing the '654 patent by making, using, importing, offering for sale and/or selling in the United States, without authority, products, including DRAMs with high voltage boosted word line supply charge pumps that embody the invention patented within the '654 patent, and, on information and belief, by actively inducing and/or contributing to infringement of said patent by others. Defendants will continue to infringe the '654 patent unless enjoined by this Court.

25. Defendants' infringement of the '654 patent is willful.

26. This is an exceptional case within the meaning of 35 U.S.C. § 285.

27. Under 35 U.S.C. § 284, MOSAID is entitled to actual damages adequate to compensate it for Defendants' infringement of the above-identified U.S. patents in an amount no less than a reasonable royalty for the use of the inventions.

RELIEF

MOSAID respectfully requests the following relief:

- A. That the Court enter preliminary and permanent injunctions against the defendants' infringement of the MOSAID patents;
- B. That the Court award damages to MOSAID to which it is entitled;
- C. That the Court treble the actual damages in view of Defendants' willful infringement;
- D. That the Court award interest on such damages;
- E. That the Court award MOSAID's costs and attorney's fees incurred in this action;
and
- F. Such other relief as the court deems just and proper.

JURY DEMAND

Plaintiff MOSAID Technologies Inc. requests a trial by jury on its Complaint for Patent Infringement against Defendants Hynix Semiconductor Inc., Hynix Semiconductor America Inc., and Hynix Semiconductor Manufacturing America, Inc.

Respectfully submitted,

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ATTORNEYS FOR
MOSAID TECHNOLOGIES INC.

Dated: January 8, 2005