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 11 SONRAI MEMORY LIMITED

12
 13 **UNITED STATES DISTRICT COURT**
 14 **CENTRAL DISTRICT OF CALIFORNIA**
 15 **WESTERN DIVISION**

16
 17 SONRAI MEMORY LIMITED,
 18 Plaintiff,

19 vs.

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 21 WESTERN DIGITAL
 CORPORATION,
 22 Defendant.

Case No. 8:21-cv-01040

**COMPLAINT FOR PATENT
 INFRINGEMENT**

DEMAND FOR JURY TRIAL

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COMPLAINT

1. This is an action for patent infringement arising under the Patent Laws of the United States of America, 35 U.S.C. § 1 *et seq.*, in which Plaintiff Sonrai Memory Limited (“Plaintiff” or “Sonrai”) makes the following allegations against Defendant Western Digital Corporation (“Defendant” or “Western Digital”):

NATURE OF THE ACTION

2. This complaint arises from Defendant’s unlawful infringement of the following United States patents owned by Plaintiff, which relate to improvements in charge pump circuits, United States Patent No. 6,724,241 (the “’241 Patent”), and portable memory devices with both volatile and non-volatile memory, United States Patent No. 6,920,527 (the “’527 Patent”) (collectively, the “Asserted Patents”).

THE PARTIES

3. Plaintiff Sonrai Memory Limited is a limited liability company organized and existing under the laws of Ireland, with its principal place of business at The Hyde Building, Suite 23, The Park, Carrickmines, Dublin 18, Ireland. Sonrai is the sole owner by assignment of all right, title, and interest in the Asserted Patents.

4. On information and belief, Defendant Western Digital Corporation is a corporation organized under the laws of Delaware, with its principal place of business at 5601 Great Oaks Parkway, San Jose, California 95119. Defendant Western Digital Corporation can be served at the address for its agent for service, Corporation Service Company, 2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833.

JURISDICTION AND VENUE

5. This action arises under the patent laws of the United States, Title 35 of the United States Code. This Court has original subject matter jurisdiction pursuant to 28 U.S.C. §§ 1331 and 1338(a).

6. This Court has personal jurisdiction over Defendant in this action because Defendant has committed acts within this District giving rise to this action

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1 and has established minimum contacts with this forum such that the exercise of
2 jurisdiction over Defendant would not offend traditional notions of fair play and
3 substantial justice. Defendant, directly and through subsidiaries or intermediaries,
4 has committed and continues to commit acts of infringement in this District by,
5 among other things, importing, offering to sell, and selling products that infringe the
6 asserted patents.

7 7. Venue is proper in this District under 28 U.S.C. §§ 1391 and 1400(b).
8 Defendant is registered to do business in California, and on information and belief,
9 Defendant has transacted business in this District by, among other things, making,
10 using, offering to sell, selling, and importing products that infringe the Asserted
11 Patents. Defendant has a regular and established place of business in this District,
12 including an office located at 3355 Michelson Dr., Suite 100, Irvine, California
13 92612.

14 **COUNT I**

15 **INFRINGEMENT OF PATENT NO. 6,724,241**

16 8. Plaintiff realleges and incorporates by reference the foregoing
17 paragraphs as if fully set forth herein.

18 9. Plaintiff owns by assignment all rights, title, and interest in U.S. Patent
19 No. 6,724,241, entitled “Variable Charge Pump Circuit with Dynamic Load.” The
20 ’241 Patent was duly and legally issued by the United States Patent and Trademark
21 Office on April 20, 2004. A true and correct copy of the ’241 Patent is attached as
22 Exhibit 1.

23 10. On information and belief, Defendant makes, uses, offers for sale, sells,
24 and/or imports certain products and services, including without limitation products
25 with SanDisk/Toshiba 64L 3D NAND flash chips, for example, the WD Ultrastar
26 SN630 WUS3BA196C7P3E3 (“Accused Products”), that directly infringe, literally
27 and/or under the doctrine of equivalents, one or more claims of the ’241 Patent.
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1 11. Defendant also knowingly and intentionally induces infringement of
2 one or more claims of the '241 Patent in violation of 35 U.S.C. § 271(b). Through
3 at least the filing and service of this Complaint, Defendant has had knowledge of the
4 '241 Patent and the infringing nature of the Accused Products. Despite this
5 knowledge of the '241 Patent, Defendant continues to actively encourage and
6 instruct its customers and end users (for example, through user manuals and online
7 instruction materials on its website) to use the Accused Products in ways that directly
8 infringe the '241 Patent. Defendant does so knowing and intending that its customers
9 and end users will commit these infringing acts. Defendant also continues to make,
10 use, offer for sale, sell, and/or import the Accused Products, despite its knowledge
11 of the '241 Patent, thereby specifically intending for and inducing its customers to
12 infringe the '241 Patent through the customers' normal and customary use of the
13 Accused Products.

14 12. Defendant has also infringed, and continues to infringe, one or more
15 claims of the '241 Patent by selling, offering for sale, or importing into the United
16 States, the Accused Products, knowing that the Accused Products constitute a
17 material part of the inventions claimed in the '241 Patent, are especially made or
18 adapted to infringe the '241 Patent, and are not staple articles or commodities of
19 commerce suitable for non-infringing use. Defendant has been, and currently is,
20 contributorily infringing the '241 Patent in violation of 35 U.S.C. §§ 271(c) and (f).

21 13. The Accused Products satisfy all claim limitations of one or more
22 claims of the '241 Patent. A claim chart comparing exemplary independent claim 1
23 of the '241 Patent to representative Accused Products is attached as Exhibit 2.

24 14. By making, using, offering for sale, selling and/or importing into the
25 United States the Accused Products, Defendant has injured Plaintiff and is liable for
26 infringement of the '241 Patent pursuant to 35 U.S.C. § 271.

27 15. As a result of Defendant's infringement of the '241 Patent, Plaintiff is
28 entitled to monetary damages in an amount adequate to compensate for Defendant's

1 infringement, but in no event less than a reasonable royalty for the use made of the
2 invention by Defendant, together with interest and costs as fixed by the Court.

3 16. Defendant’s infringing activities have injured and will continue to
4 injure Plaintiff, unless and until this Court enters an injunction prohibiting further
5 infringement of the ’241 Patent, and, specifically, enjoining further manufacture,
6 use, sale, importation, and/or offers for sale that come within the scope of the patent
7 claims.

8 **COUNT II**

9 **INFRINGEMENT OF PATENT NO. 6,920,527**

10 17. Plaintiff realleges and incorporates by reference the foregoing
11 paragraphs as if fully set forth herein.

12 18. Plaintiff owns by assignment all rights, title, and interest in U.S. Patent
13 No. 6,920,527, entitled “Portable RAM drive.” The ’527 Patent was duly and legally
14 issued by the United States Patent and Trademark Office on July 19, 2005. A true
15 and correct copy of the ’527 Patent is attached as Exhibit 3.

16 19. On information and belief, Defendant makes, uses, offers for sale, sells,
17 and/or imports certain products and services, including without limitation SSDs
18 having Marvell SSD Controllers, for example the Sandisk Ultra 3D SSD (“Accused
19 Products”), that directly infringe, literally and/or under the doctrine of equivalents,
20 one or more claims of the ’527 Patent.

21 20. Defendant also knowingly and intentionally induces infringement of
22 one or more claims of the ’527 Patent in violation of 35 U.S.C. § 271(b). Through
23 at least the filing and service of this Complaint, Defendant has had knowledge of the
24 ’527 Patent and the infringing nature of the Accused Products. Despite this
25 knowledge of the ’527 Patent, Defendant continues to actively encourage and
26 instruct its customers and end users (for example, through user manuals and online
27 instruction materials on its website) to use the Accused Products in ways that directly
28 infringe the ’527 Patent. Defendant does so knowing and intending that its customers

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1 and end users will commit these infringing acts. Defendant also continues to make,
2 use, offer for sale, sell, and/or import the Accused Products, despite its knowledge
3 of the '527 Patent, thereby specifically intending for and inducing its customers to
4 infringe the '527 Patent through the customers' normal and customary use of the
5 Accused Products.

6 21. Defendant has also infringed, and continues to infringe, one or more
7 claims of the '527 Patent by selling, offering for sale, or importing into the United
8 States, the Accused Products, knowing that the Accused Products constitute a
9 material part of the inventions claimed in the '527 Patent, are especially made or
10 adapted to infringe the '527 Patent, and are not staple articles or commodities of
11 commerce suitable for non-infringing use. Defendant has been, and currently is,
12 contributorily infringing the '527 Patent in violation of 35 U.S.C. §§ 271(c) and (f).

13 22. The Accused Products satisfy all claim limitations of one or more
14 claims of the '527 Patent. A claim chart comparing exemplary independent claim 1
15 of the '527 Patent to representative Accused Products is attached as Exhibit 4.

16 23. By making, using, offering for sale, selling and/or importing into the
17 United States the Accused Products, Defendant has injured Plaintiff and is liable for
18 infringement of the '527 Patent pursuant to 35 U.S.C. § 271.

19 24. As a result of Defendant's infringement of the '527 Patent, Plaintiff is
20 entitled to monetary damages in an amount adequate to compensate for Defendant's
21 infringement, but in no event less than a reasonable royalty for the use made of the
22 invention by Defendant, together with interest and costs as fixed by the Court.

23 25. Defendant's infringing activities have injured and will continue to
24 injure Plaintiff, unless and until this Court enters an injunction prohibiting further
25 infringement of the '527 Patent, and, specifically, enjoining further manufacture,
26 use, sale, importation, and/or offers for sale that come within the scope of the patent
27 claims.

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PRAYER FOR RELIEF

WHEREFORE, Plaintiff respectfully requests that this Court enter:

- a. A judgment in favor of Plaintiff that Defendant has infringed, either literally and/or under the doctrine of equivalents, the Asserted Patents;
- b. A permanent injunction prohibiting Defendant from further acts of infringement of the Asserted Patents;
- c. A judgment and order requiring Defendant to pay Plaintiff its damages, costs, expenses, and pre-judgment and post-judgment interest for Defendant’s infringement of the Asserted Patents;
- d. A judgment and order requiring Defendant to provide an accounting and to pay supplemental damages to Plaintiff, including without limitation, pre-judgment and post-judgment interest and compensation for infringing products released after the filing of this case that are not colorably different from the Accused Products;
- e. A judgment and order requiring Defendant to pay Plaintiff compulsory ongoing licensing fees, as determined by the Court in equity;
- f. A judgment and order finding that this is an exceptional case within the meaning of 35 U.S.C. § 285 and awarding to Plaintiff its reasonable attorneys’ fees against Defendant; and
- g. Any and all other relief as the Court may deem appropriate and just under the circumstances.

DEMAND FOR A JURY TRIAL

Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of any issues so triable by right.

DATED: June 11, 2021

Respectfully submitted,

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