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11 **UNITED STATES DISTRICT COURT**
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13 **CENTRAL DISTRICT OF CALIFORNIA**
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15 Heritage IP LLC,
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17 Plaintiff,
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19 v.
20
21 Holtek Semiconductor (USA), Inc.,
22
23 Defendant.

CASE NO.

**COMPLAINT FOR
INFRINGEMENT**

JURY TRIAL DEMANDED

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25
26
27 **COMPLAINT FOR PATENT INFRINGEMENT**

28 COMES NOW, Plaintiff Heritage IP LLC (“Heritage” or “Plaintiff”), for its
Complaint against Holtek Semiconductor (USA), Inc. (“Defendant”), alleges as
follows:

SUMMARY

1. Heritage owns United States Patent No. 7,221,200 (“Asserted Patent”).
2. Defendant infringes the Asserted Patent by implementing, without

1 authorization, Heritage’s proprietary technologies in at least Holtek BS86DH12C
2 (“Accused Product”).

3 3. By this action, Heritage seeks to obtain compensation for the harm it
4 has suffered as a result of Defendant’s infringement of the Asserted Patent.

5 **NATURE OF THE ACTION**

6 4. This is a civil action for patent infringement arising under the patent
7 laws of the United States, 35 U.S.C. § 1 *et seq.*

8 5. Defendant has infringed and continue to infringe, and at least as early
9 as the filing and/or service of this Complaint, has induced and continues to
10 induce infringement of, and has contributed to and continues to contribute to
11 infringement of, at least one or more claims of the Heritage’s Asserted Patent at least
12 by making, using, selling, and/or offering to sell its products and services in the United
13 States, including in this District.

14 6. Heritage is the legal owner by assignment of the Asserted Patent, which
15 were duly and legally issued by the United States Patent and Trademark Office
16 (“USPTO”). Heritage seeks monetary damages for Defendant’s infringement of the
17 Asserted Patent.

18 **THE PARTIES**

19 7. Plaintiff Heritage IP LLC is a Texas limited liability company with its
20 principal place of business at 10900 Research Blvd, Ste 160C PMB 1042, Austin,
21 TX 78759. Heritage is the owner of intellectual property rights at issue in this action.

22 8. On information and belief, Defendant Holtek is a California
23 corporation with an established place of business at 19 Hammond, Suite 513, Irvine,
24 CA 92618.

25 9. On information and belief, Defendants directly and/or indirectly
26 develops, designs, manufactures, distributes, markets, offers to sell and/or sells

1 infringing products and services in the United States, including in the state of
2 California, and otherwise directs infringing activities to this District in connection
3 with its products and services.

4 **JURISDICTION AND VENUE**

5 10. This is an action for patent infringement in violation of the Patent Act
6 of the United States, 35 U.S.C. §§ 1 *et seq.*

7 11. This Court has original and exclusive subject matter jurisdiction over
8 the patent infringement claims for relief under 28 U.S.C. §§ 1331 and 1338(a).

9 12. This Court has personal jurisdiction over Defendant because it
10 maintains an established place of business in the state of California. On
11 information and belief, Defendant has transacted and is continuing to transact
12 business in this District that includes, but is not limited to, the use of products and
13 systems that practice the subject matter claimed in the patents involved in this
14 action.

15 13. Venue is proper in this district under 28 U.S.C. § 1400(b) because
16 Defendant has a regular and established office in this District, which satisfies the
17 Supreme Court’s standard set in *TC Heartland LLC v. Kraft Foods Group Brands*
18 *LLC*, 137 S. Ct. 1514 (2017). Further, upon information and belief, Defendant has
19 committed acts of infringement in this district and a regular and established place of
20 business in this district.

21 **THE '200 PATENT**

22 14. U.S. Patent No. 7,221,1200 (“the ‘200 Patent”) is entitled
23 “Programmable Low Voltage Reset Apparatus for Multi-VDD Chips,” and was
24 issued on May 22, 2007. A true and correct copy of the ‘200 Patent is attached as
25 Exhibit A.

26 15. The ‘200 Patent was filed on March 8, 2005 as U.S. Patent

1 Application No. 60/556,179.

2 16. The '200 Patent recognized several problems with existing low voltage
3 reset schemes for microcontrollers. Exhibit 1 at 1:17-27. Specifically, in the prior art
4 solution, “the low voltage inhibit reset signal generation circuit cannot support devices
5 having multiple power supply levels (multiple VDDs).” *Id.* at 1:46-48. For instance,
6 “[w]hen there are multiple Vdds on a chip, a reset circuit needs to be activated when
7 one or more of the Vdds is lost.” *Id.* at 1:48-51

8 17. To address one or more shortcomings of these existing microcontrollers,
9 the '200 Patent discloses, *inter alia*, a “low voltage reset apparatus for a device having
10 a plurality of power supplies. *Id.* at 1:62-65.

11 18. Heritage is the owner of all rights, title, and interest in and to the '200
12 Patent, with the full and exclusive right to bring suit to enforce the '200 Patent,
13 including the right to recover for past infringement.

14 19. The '200 Patent is valid and enforceable under United States Patent
15 Laws.

16 **COUNT I: INFRINGEMENT OF U.S. PATENT NO. 7,221,200**

17 20. Heritage incorporates by reference and re-alleges paragraphs 1-17 of
18 this Complaint as if fully set forth herein.

19 21. Defendant has infringed and is infringing, either literally or under the
20 doctrine of equivalents, the '200 Patent in violation of 35 U.S.C. § 271 *et seq.*,
21 directly and/or indirectly, by making, using, offering for sale, or selling in the United
22 States, and/or importing into the United States without authority or license, the
23 Accused Products (including the Holtek BS86DH12C product) as set forth in
24 Exhibit B.

25 22. At least as early as of the date of the filing of the Complaint, Defendant
26 has had actual knowledge of the '200 Patent.

1 23. Defendant has provided the Accused Products to its customers and, on
2 information and belief, instructions to use the Accused Products in an infringing
3 manner while being on notice of (or willfully blind to) the '200 Patent and
4 Defendant's infringement. Therefore, on information and belief, Defendant knew
5 or should have known of the '200 Patent and of its own infringing acts, or
6 deliberately took steps to avoid learning of those facts.

7 24. Defendant knowingly and intentionally encourages and aids at least its
8 end-user customers to directly infringe the '200 Patent.

9 25. Defendant's end-user customers directly infringe at least one or more
10 claims of the '200 Patent by using the Accused Products in their intended manner to
11 infringe. Defendant induces such infringement by providing the Accused Products
12 and instructions to enable and facilitate infringement, knowing of, or being
13 willfully blind to the existence of, the '200 Patent. On information and belief,
14 Defendant specifically intends that its actions will result in infringement of one or
15 more claims of the '200 Patent, or subjectively believe that their actions will result
16 in infringement of the '200 Patent, but took deliberate actions to avoid learning of
17 those facts, as set forth above.

18 26. Additionally, Defendant contributorily infringes at least one or more
19 claims of the '200 Patent by providing the Accused Product and/or software
20 components thereof, that embody a material part of the claimed inventions of the
21 '200 Patent, that are known by Defendant to be specially made or adapted for use in
22 an infringing manner, and are not staple articles with substantial non-infringing
23 uses. The Accused Product are specially designed to infringe at least one or more
24 claims of the '200 Patent, and their accused components have no substantial non-
25 infringing uses. In particular, on information and belief, the software modules and
26 code that implement and perform the infringing functionalities identified above are

1 specially made and adapted to carry out said functionality and do not have any
2 substantial non-infringing uses.

3 27. At least as early as the filing and/or service of this Complaint,
4 Defendant's infringement of the '200 Patent was and continues to be willful and
5 deliberate, entitling Heritage to enhanced damages.

6 28. Additional allegations regarding Defendant's knowledge of the '200
7 Patent and willful infringement will likely have evidentiary support after a
8 reasonable opportunity for discovery.

9 29. Defendant's infringement of the '200 Patent is exceptional and entitles
10 Heritage to attorneys' fees and costs incurred in prosecuting this action under 35
11 U.S.C. § 285.

12 30. Heritage is in compliance with any applicable marking and/or notice
13 provisions of 35 U.S.C. § 287 with respect to the '200 Patent.

14 31. Heritage is entitled to recover from Defendant all damages that
15 Heritage has sustained as a result of Defendant's infringement of the '200 Patent,
16 including, without limitation, a reasonable royalty.

17 **PRAYER FOR RELIEF**

18 WHEREFORE, Heritage respectfully requests:

19 A. That Judgment be entered that Defendant has infringed at least
20 one or more claims of the '200 Patent, directly and/or indirectly, literally
21 and/or under the doctrine of equivalents;

22 B. An award of damages sufficient to compensate Heritage for
23 Defendant's infringement under 35 U.S.C. § 284, including an
24 enhancement of damages on account of Defendant's willful infringement;

25 C. That the case be found exceptional under 35 U.S.C. § 285 and
26 that Heritage be awarded its reasonable attorneys' fees;

- 1 D. Costs and expenses in this action;
- 2 E. An award of prejudgment and post-judgment interest; and
- 3 F. Such other and further relief as the Court may deem just and
- 4 proper.

5 **DEMAND FOR JURY TRIAL**

6 Pursuant to Rule 38(b) of the Federal Rules of Civil Procedure,
7 Heritage respectfully demands a trial by jury on all issues triable by jury.

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9 Respectfully Submitted,

10 Dated: November 30, 2022

11 /s/ Jennifer Ishimoto
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27 **Attorney for Plaintiff Heritage IP
28 LLC**