UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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PALO ALTO NETWORKS, INC.,
Petitioner,

v.

QOMPLX LLC,
Patent Owner.

_____

Case IPR2026-00431
Patent 12,301,627

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DECLARATION OF NATHAN LOWENSTEIN IN SUPPORT OF PATENT OWNER'S NOTICE OF INTENT TO DESIGNATE PROVISIONALLY RECOGNIZED PTAB ATTORNEY NATHAN LOWENSTEIN AS BACKUP COUNSEL UNDER 37 C.F.R. § 42.10(c)(2)

I, Nathan Lowenstein, declare as follows:

1. I am an attorney licensed to practice law in the State of California.

2. I am a member in good standing in all jurisdictions where I have been admitted to practice.

3. I have never been suspended or disbarred from practice before any court or administrative body.

4. I have never had an application denied for admission to practice before any court or administrative body.

5. I have never had any sanctions or contempt citations imposed upon me by any court or administrative body.

6. I have read and will comply with the Office Patent Trial Practice Guide and the Board's Rules of Practice for Trials set forth in part 42 of 37 C.F.R.

7. I agree to be subject to the U.S.P.T.O. Rules of Professional Conduct set forth in 37 C.F.R. §§ 11.101 *et seq*. and disciplinary jurisdiction under 37 C.F.R. § 11.19(a).

8. I am a partner at the law firm of Lowenstein & Weatherwax LLP.

9. I have practiced law in California since 2005, and the majority of my practice has consisted of patent litigation and other patent related matters such as PTAB litigations and matters before the United States Court of Appeals for the

Federal Circuit. Representative patent litigations where I have been actively involved as patent litigation counsel include:

- *Microprocessor Enhancement Corp. v. Texas Instruments Inc.*, 8:08-cv-01123 (C.D. Cal.).
- *The Quantum World Corp. v. Atmel Corp.*, 2:07-cv-00024 (E.D. Tex.).
- *St. Jude Med., Inc. v. Access Closure, Inc.*, 4:08-cv-04101 (W.D. Ark.).
- *Tessera, Inc. v. Micron Tech., Inc.*, 2:05-cv-00094 (E.D. Tex.).

10. My experience in post-grant patent proceedings includes drafting patent owner responses, taking depositions, and presenting oral arguments before the Board. Representative matters where I am or was actively involved include:

- *Luxottica of America Inc. and Meta Platforms, Inc. v. Solos Technology Limited* (IPR2026-00376, -00412, -00413, -00420).
- *Palo Alto Networks, Inc. v. Qomplx LLC* (IPR2026-00362, -00363, -00364, -00371, 00431, -00432).
- *Microsoft Corporation v. Qomplx LLC* (IPR2026-00182, -00183, -00184, -00298, -00325, -00326).
- *Sagemcom Broadband SAS v. Entropic Communications, LLC* (IPR2026-00263).

- *Disney Entertainment & Sports LLC v. Adeia Technologies Inc.* (IPR2026-00053).
- *Disney Entertainment & Sports LLC v. Adeia Media Holdings Inc.* (IPR2026-00052, -00054).
- *Disney Entertainment & Sports LLC v. Adeia Media Holdings LLC* (IPR2026-00051).
- *Disney Entertainment & Sports LLC v. Adeia Guides Inc.* (IPR2026-00055, -00056).
- *Infineon Technologies Americas Corp. v. MOSAID Technologies Inc.* (IPR2025-01171, -01456, -01487, -01489).
- *Samsung Electronics Co., Ltd. et al v. Radian Memory Systems LLC* (IPR2025-01266, -01289, -01321, -01350, -01376, -01377, -01378).
- *International Business Machines Corporation v. Security First Innovations, LLC* (IPR2025-01200, -01201, -01202).
- *Amazon.com Inc. et al v. DivX, LLC* (IPR2025-01062, -01222, -01223).
- *NVIDIA Corporation v. Neural AI, LLC* (IPR2025-00606, -00608, -00609, -00610).
- *DirecTV, LLC v. Entropic Communications, LLC* (IPR2024-01061, -01064).

- *MediaTek, Inc. v. MOSAID Technologies Inc.* (IPR2024-00718, -00719, -00720, -00721, -00598, -00599, -00600).
- *Comcast Cable Communications, LLC v. Entropic Communications, LLC* (IPR2025-00180, -00181, -00182; IPR2024-00432, -00433, -00434, -00435, -00436, -00437, -00438, -00439, -00440, -00446, -00452).
- *Cox Communications, Inc. v. Entropic Communications* (IPR2024-00579).
- *DISH Network LLC v. Entropic Communications LLC* (IPR2024-00462, -00560).
- *Google LLC v. Security First Innovations LLC* (IPR2024-00214, -00215).
- *T-Mobile USA, Inc. et al. v. Cobblestone Wireless, LLC* (IPR2024-00136).
- *Hewlett Packard Enterprise Company* and *Cisco Systems, Inc., v. Cobblestone Wireless LLC* (IPR2024-00707).
- *Samsung Electronics America, Inc., Samsung Electronics Co., Ltd. v. Cobblestone Wireless LLC* (IPR2024-00319, -00606).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations LLC* (IPR2023-01151, -01232, -01325; IPR2024-00390).

- *Volkswagen Group of America, Inc. v. Neo Wireless, LLC* (IPR2022-01567, -01537, -01538, -01539).
- *Samsung Elecs. Co., Ltd. et al. v. Smart Mobile Techs., LLC* (IPR2022-01248).
- *Apple, Inc. v. Smart Mobile Techs. LLC* (IPR2022-00807).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations, LLC* (IPR2022-00556).
- *Google LLC v. Neonode Smartphone LLC* (IPR2021-01041).
- *Hulu, LLC v. DivX LLC* (IPR2021-01418, -01419).
- *Patent Quality Assurance, LLC v. VLSI Tech. LLC* (IPR2021-01229).
- *Samsung Elecs. Co., Ltd. et al. v. Neonode Smartphone LLC* (IPR2021-00144).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations, LLC* (IPR2021-01527, -01584; IPR2022-00034, -00193).

11. The following are the most recent prior proceedings in which I was recognized *pro hac vice* before the Board, with admission granted on August 19, 2024:

- *Comcast Cable Communications, LLC v. Entropic Communications, LLC* (IPR2024-00432, -00433, -00434, -00435, -00436, -00437, -00446, -00452); and

- *DISH Network LLC v. Entropic Communications LLC* (IPR2024-00562).

12. I have previously been granted admission by the PTAB to appear *pro hac vice* in the following matters before the U.S.P.T.O within the last three years:

- *Comcast Cable Communications, LLC v. Entropic Communications, LLC* (IPR2024-00432, -00433, -00434, -00435, -00436, -00437, -00438, -00439, -00440, -00446, -00452).
- *DISH Network LLC v. Entropic Communications LLC* (IPR2024-00462, -00562).
- *Google LLC v. Security First Innovations LLC* (IPR2024-00214, -00215).
- *T-Mobile USA, Inc. et al. v. Cobblestone Wireless, LLC* (IPR2024-00136).
- *Hewlett Packard Enterprise Company* and *Cisco Systems, Inc., v. Cobblestone Wireless LLC* (IPR2024-00707).
- *Samsung Electronics America, Inc., Samsung Electronics Co., Ltd. v. Cobblestone Wireless LLC* (IPR2024-00319, -00606).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations LLC* (IPR2023-01151, -01232, -01325; IPR2024-00390).

- *Samsung Elecs. Co., Ltd. et al. v. Smart Mobile Techs., LLC* (IPR2022-01248).
- *Apple, Inc. v. Smart Mobile Techs. LLC* (IPR2022-00807).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations, LLC* (IPR2022-00556).
- *Google LLC v. Neonode Smartphone LLC* (IPR2021-01041).
- *Hulu, LLC v. DivX LLC* (IPR2021-01418, -01419).
- *Patent Quality Assurance, LLC v. VLSI Tech. LLC* (IPR2021-01229).
- *Samsung Elecs. Co., Ltd. et al. v. Neonode Smartphone LLC* (IPR2021-00144).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations, LLC* (IPR2021-01527, -01584; IPR2022-00034, -00193).

13. I have been previously designated a provisionally recognized *pro hac vice* PTAB attorney in the following matters:

- *Palo Alto Networks, Inc. v. Qomplx LLC* (IPR2026-00362, -00363, -00364, -00371).
- *Microsoft Corporation v. Qomplx LLC* (IPR2026-00182, -00183, -00184, -00298, -00325, -00326).
- *Infineon Technologies America Corporation v. MOSAID Technologies, Inc.* (IPR2025-01171, -01456, -01487, -01489).

- *Comcast Cable Communications, LLC v. Entropic Communications, LLC* (IPR2025-00180).
- *Samsung Electronics Co., Ltd. et al v. Radian Memory Systems LLC* (IPR2025-01266, -01289, -01321, -01350, -01376, -01377, -01378).
- *International Business Machines Corporation v. Security First Innovations, LLC* (IPR2025-01200, -01201, -01202).
- *Amazon.com Inc. et al v. DivX, LLC* (IPR2025-01062, -01222, -01223).
- *NVIDIA Corporation v. Neural AI, LLC* (IPR2025-00606, -00608, -00609, -00610).

14. I have previously applied for admission, *pro hac vice*, in the following matters before the U.S.P.T.O. which were terminated before the application was granted:

- *DISH Network LLC v. Entropic Communications LLC* (IPR2024-00560).
- *Edwards Lifesciences Corp. et al. v. Aortic Innovations LLC* (IPR2022-00549).
- *Patent Quality Assurance, LLC v. VLSI Tech. LLC* (IPR2022-00480).
- *OpenSky Indus., LLC v. VLSI Tech. LLC* (IPR2022-00645).

15. I am concurrently applying for *pro hac vice* admission in the following matters:

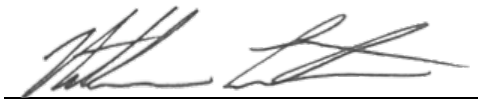
- *Palo Alto Networks, Inc. v. Qomplx LLC* (IPR2026-00432).
- *Luxottica of America Inc. and Meta Platforms, Inc. v. Solos Technology Limited* (IPR2026-00376, -00412, -00413, -00420).

16. Other than the matters identified in ¶¶ 11-15 *supra*, I have not applied to appear *pro hac vice* in any other proceedings before the U.S.P.T.O. in the last three years.

17. I have an established familiarity with the subject matter at issue in this proceeding. I have reviewed the Patent at issue as well as the Petition, the relevant art in this matter, and all other papers in the proceeding to date that have addressed the merits.

18. I further understand that I have a continuing duty to notify the Board in writing within five business days if: (i) I am sanctioned, cited for contempt, suspended, disbarred, or denied admission by any court or administrative agency; (ii) I no longer qualify as a member in good standing of the Bar of at least one State or the District of Columbia; or (iii) any other event occurs that renders materially inaccurate or incomplete any representation that I made to the Board in connection with this request for pro hac vice recognition other than subsequent applications for pro hac vice recognition unless such an application is denied.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.



Nathan Nobu Lowenstein
LOWENSTEIN & WEATHERWAX LLP

Date: September 21, 2026