

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG ELECTRONICS CO., LTD., SAMSUNG ELECTRONICS  
AMERICA, INC., and APPLE INC.,  
Petitioner,

v.

SMART MOBILE TECHNOLOGIES, LLC,  
Patent Owner.

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Case IPR2022-01248  
Patent 8,842,653

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**PATENT OWNER SMART MOBILE TECHNOLOGIES LLC'S  
MOTION FOR *PRO HAC VICE* ADMISSION  
OF NATHAN NOBU LOWENSTEIN  
UNDER 37 C.F.R. § 42.10(c)**

## EXHIBIT LIST

|      |  |
|------|--|
| 2001 | Reserved   |
| 2002 | Declaration of Professor Todor V. Cooklev, Ph.D. [1 <sup>st</sup> -Cooklev-Decl.]  |
| 2003 | <i>Smart Mobile Technologies, LLC v. Apple Inc., Smart Mobile Technologies, LLC v. Samsung Electronics Co., Ltd. et al.</i> , Nos. 6:21-cv-00603 and 6:21-cv-00701, Defendants' Opening Claim Construction Brief (June 8, 2022) [Defendants'-Opening-Claim-Construction-Brief]                         |
| 2004 | <i>Smart Mobile Technologies, LLC v. Apple Inc., Smart Mobile Technologies, LLC v. Samsung Electronics Co., Ltd. et al.</i> , Nos. 6:21-cv-00603 and 6:21-cv-00701, Defendants' Opening Claim Construction Brief – Exhibit 1 (June 8, 2022) [Defendants' Opening Claim Construction Brief – Exhibit 1] |
| 2005 | Kevin M. Stack, <i>Preambles as Guidance</i> , 84 GEO. WASH. L. REV. 1252 (2016) ( <a href="http://www.gwlr.org/wp-content/uploads/2016/09/84-Geo.-Wash.-L.-Rev.-1252.pdf">http://www.gwlr.org/wp-content/uploads/2016/09/84-Geo.-Wash.-L.-Rev.-1252.pdf</a> ) [ <a href="#">Stack</a> ]               |
| 2006 | ElectronicsTutorials, <i>The Multiplexer</i> , WWW.ELECTRONICS-TUTORIALS.WS, <a href="https://www.electronicstutorials.ws/combo/combo_2.html">https://www.electronicstutorials.ws/combo/combo_2.html</a> (last visited Oct. 26, 2022) [Electronics-Tutorial]   |
| 2007 | TexasInstruments, 74HC153 Data Sheet, Dec. 1982, revised Feb. 2022, WWW.TI.COM, <a href="https://www.ti.com/lit/gpn/sn74hc153">https://www.ti.com/lit/gpn/sn74hc153</a> [74HC153-Data-Sheet]   |
| 2008 | Lee Stanton, <i>What is the Difference Between a Landline and a Mobile Phone Number?</i> , WWW.ALPHR.COM, Feb. 22, 2022, <a href="https://www.alphr.com/difference-landline-mobile-phone-number/">https://www.alphr.com/difference-landline-mobile-phone-number/</a> [Alphr]                           |

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| 2009 | FOCUS LCDs, <i>Serial Vs. Parallel</i> , LCD RESOURCES, <a href="https://focuslcds.com/serial-vs-parallel/">https://focuslcds.com/serial-vs-parallel/</a> (last visited Oct. 19, 2022) [LCD-Resources]  |
| 2010 | Techopedia, <i>Serial Interface</i> , WWW.TECHOPEDIA.COM, Nov. 4, 2014, <a href="https://www.techopedia.com/definition/9312/serial-interface">https://www.techopedia.com/definition/9312/serial-interface</a> [Techopedia]  |
| 2011 | Excerpts from The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition (2000) [Dictionary of IEEE Standards Terms]   |
| 2012 | Jonathan Valvano et al., <i>Chapter 11: Serial Interfacing</i> , EMBEDDED SYSTEMS – SHAPE THE WORLD, <a href="https://users.ece.utexas.edu/~valvano/Volume1/E-Book/C11_SerialInterface.htm">https://users.ece.utexas.edu/~valvano/Volume1/E-Book/C11_SerialInterface.htm</a> (last visited Oct. 20, 2022) [Valvano] |
| 2013 | Steve Goldband, <i>Input and output for microprocessors</i> , Behavior Research Methods & Instrumentation, 1978, Vol. 10, No. 2, pp. 249-253 [Goldband]   |
| 2014 | <i>Ex parte Orbotech LT Solar, LLC</i> , 2012 Pat. App. LEXIS 2784 (BPAI May 31, 2012)  |
| 2015 | <i>Ex parte Evans</i> , 2017 Pat. App. LEXIS 386 (PTAB Aug. 1, 2017)  |
| 2016 | Declaration of Philip J. Graves in support of Motion for <i>Pro Hac Vice</i> Admission  |
| 2017 | Declaration of Greer N. Shaw in support of Motion for <i>Pro Hac Vice</i> Admission   |
| 2018 | Declaration of Colette Woo [served, not filed]  |
| 2019 | Second Declaration of Professor Todor V. Cooklev, Ph.D. [2 <sup>nd</sup> -Cooklev-Decl.]  |
| 2020 | Deposition Transcript of Michael Jensen, Ph.D. [Jensen-Depo.]   |

|      |  |
|------|--|
| 2021 | IPR2022-01223, Paper 13 (PTAB Jan. 30, 2023) (Decision Denying Institution) [1223-DDI]   |
| 2022 | IPR2022-01249, Paper 13 (PTAB Jan. 24, 2023) (Institution Decision) [1249-ID]  |
| 2023 | Additional Excerpts from The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition (2000) [IEEE-Dictionary]  |
| 2024 | Benj Edwards, <i>The Golden Age of PDAs</i> , PC Magazine, Nov. 20, 2018, <a href="https://www.pcmag.com/news/the-golden-age-of-pdas">https://www.pcmag.com/news/the-golden-age-of-pdas</a> [PC-Magazine]  |
| 2025 | Jeremy Reimer, <i>Remembering Apple's Newton, 30 Years On</i> , Ars Technica, June 1, 2022, <a href="https://arstechnica.com/gadgets/2022/06/remembering-apples-newton-30-years-on/">https://arstechnica.com/gadgets/2022/06/remembering-apples-newton-30-years-on/</a> [Ars-Technica]                                 |
| 2026 | <i>Smart Mobile Technologies, LLC v. Apple Inc., Smart Mobile Technologies, LLC v. Samsung Electronics Co., Ltd. et al.</i> , Nos. 6:21-cv-00603 and 6:21-cv-00701, Declaration of Dr. Harry Bims In Support of Defendants' Opening Claim Construction Brief (June 8, 2022) [Bims-Decl.]                               |
| 2027 | Excerpts from Newton's Telecom Dictionary, 16th Edition (2000) [Newton's-Telecom-Dictionary]   |
| 2028 | <i>Smart Mobile Technologies, LLC v. Apple Inc., Smart Mobile Technologies, LLC v. Samsung Electronics Co., Ltd. et al.</i> , Nos. 6:21-cv-00603 and 6:21-cv-00701, Plaintiff's Responsive Claim Construction Brief Regarding The '434 Patent Family (Aug. 17, 2022) [Plaintiff's-Responsive-Claim-Construction-Brief] |
| 2029 | Declaration of Parham Hendifar [served, not filed]   |
| 2030 | Declaration of Nathan Nobu Lowenstein in support of Motion for <i>Pro Hac Vice</i> Admission   |
| 2031 | Declaration of Colette Woo in support of Motion for <i>Pro Hac Vice</i> Admission  |

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## **I. RELIEF REQUESTED**

Pursuant to 37 C.F.R. § 42.10(c), Patent Owner Smart Mobile Technologies LLC (“Patent Owner”) respectfully requests that the Board admit Nathan Nobu Lowenstein *pro hac vice* in this proceeding as back-up counsel. Patent Owner has met and conferred with Petitioners, and Petitioners do not oppose this motion.

## **II. GOVERNING LAW, RULES, AND PRECEDENT**

Section 42.10(c), 37 C.F.R., provides that:

The Board may recognize counsel *pro hac vice* during a proceeding upon a showing of good cause, subject to the condition that lead counsel be a registered practitioner and to any other conditions as the Board may impose. For example, where the lead counsel is a registered practitioner, a motion to appear *pro hac vice* by counsel who is not a registered practitioner may be granted upon showing that counsel is an experienced litigating attorney and has an established familiarity with the subject matter at issue in the proceeding.

The Board has further required that a motion for *pro hac vice* admission be filed in accordance with the “Order - Authorizing Motion for *Pro Hac Vice* Admission” entered in *Unified Patents, Inc. v. Parallel Iron, LLC*, IPR2013-00639, Paper 7 (P.T.A.B. Oct. 15, 2013) (“*United Patents Order*”).

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