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.; AND
SAMSUNG ELECTRONICS AMERICA, INC.
Petitioner

v.

SOLAS OLED, LTD.,
Patent Owner

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Case No. IPR2021-01254
Patent No. 8,526,767

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**PETITIONER'S REPLY TO
PATENT OWNER'S PRELIMINARY RESPONSE**

LIST OF EXHIBITS

Ex-1001	U.S. Patent No. 8,526,767
Ex-1002	Declaration of Dr. Benjamin Bederson
Ex-1003	Curriculum Vitae of Dr. Benjamin Bederson
Ex-1004	Prosecution History of U.S. Patent No. 8,526,767
Ex-1005	U.S. Patent Publication No. 2009/0284478, filed on May 15, 2008 ("Baltierra")
Ex-1006	JP Patent Publication No. H09-231004, published on Sept. 5, 1997 ("Katou"), including its certified translation
Ex-1007	U.S. Patent Publication No. 2007/0176906, published on Aug. 2, 2007 ("Warren")
Ex-1008	U.S. Patent Publication No. 2008/0036743, published on Feb. 14, 2008 ("Westerman")
Ex-1009	Intel 486 Datasheet, published April, 1989
Ex-1010	[INTENTIONALLY LEFT BLANK]
Ex-1011	[INTENTIONALLY LEFT BLANK]
Ex-1012	[INTENTIONALLY LEFT BLANK]
Ex-1013	[INTENTIONALLY LEFT BLANK]
Ex-1014	[INTENTIONALLY LEFT BLANK]
Ex-1015	[INTENTIONALLY LEFT BLANK]
Ex-1016	[INTENTIONALLY LEFT BLANK]
Ex-1017	[INTENTIONALLY LEFT BLANK]
Ex-1018	[INTENTIONALLY LEFT BLANK]
Ex-1019	[INTENTIONALLY LEFT BLANK]
Ex-1020	Claim Mapping Table

Ex-1021	Provisional Application No. 61/049,453
Ex-1022	Margaret R. Minsky, *Manipulating Simulated Objects with Real-World Gestures Using a Force and Position Sensitive Screen*, SIGGRAPH '84 Proceedings of the 11th Annual Conference on Computer Graphics and Interactive Techniques 195 (Hank Christiansen ed., 1984), DOI: http://dx.doi.org/10.1145/800031.808598
Ex-1023	Apple Inc., iPhone Human Interface Guidelines (Dec. 2007)
Ex-1024	Benjamin B. Bederson & James D. Hollan, *Pad++: A Zooming Graphical Interface for Exploring Alternate Interface Physics*, UIST '94 Proceedings of the 7th Annual ACM Symposium on User Interface Software and Technology 17 (1994), DOI: http://dx.doi.org/10.1145/192426.192435
Ex-1025	David Rogers et al., *Tossing Objects in a Desktop Environment*, submitted to Conference on Human Factors in Computing Systems (1996)
Ex-1026	David Rogers et al., Exemplar Figure of Tossing from *Tossing Objects in a Desktop Environment*, submitted to Conference on Human Factors in Computing Systems (1996)
Ex-1027	Benjamin B. Bederson, *Fisheye Menus*, UIST '00 Proceedings of ACM Conference on User Interface Software and Technology 217 (2000), DOI: 10.1145/354401.354782
Ex-1028	Hilary Browne et al., *Designing a Collaborative Finger Painting Application for Children*, HCIL-2000-17, CS-TR-4184, UMIACS-TR-2000-66 (Sept. 2000), available at https://hcil.umd.edu/pub-perm-link/?id=2000-17
Ex-1029	U.S. Patent No. 3,482,241, issued on Dec. 2, 1969 ("Johnson")
Ex-1030	U.S. Patent No. 4,136,291, issued on Jan. 23, 1979 ("Waldron")
Ex-1031	U.S. Patent No. 5,463,388, issued on Oct. 31, 1995 ("Boie")
Ex-1032	U.S. Patent Publication No. 2002/015024, published on Feb. 7, 2002 ("Westerman 2002")
Ex-1033	William Buxton et al., *Issues and Techniques in Touch-Sensitive Tablet*

	Input, ACM SIGGRAPH, Vol. 19, No. 3, 215-224 (Nov 3, 1985)
Ex-1034	Dean Harris Rubine, *The Automatic Recognition of Gestures*, CMU-CS-91-202 (Dec. 1991)
Ex-1035	Wayne Westerman, *Hand Tracking, Finger Identification, and Chordic Manipulation on a Multi-Touch Surface* (Spring 1999)
Ex-1036	Peri Tarr et al., *Workshop on Multi-Dimensional Separation of Concerns in Software Engineering*, ICSE '00 Proceedings of the 22nd International Conference on Software Engineering 809 (2000), DOI: https://doi.org/10.1145/337180.337827
Ex-1037	3Com Corp., PalmPilot™ Handbook (1997), available at https://www.pdm.com.co/Articulos%20y%20Guias/Palm/ Guias%20en%20ingles/PalmPilot%20User%20Guide.pdf ?x81790
Ex-1038	Solas's Preliminary Disclosure of Asserted Claims and Infringement Contentions to Samsung, dated July 12, 2021
Ex-1039	Nov. 2, 2021 Letter from Sen. Thom Tillis (Ranking Member, Subcommittee on Intellectual Property) to Acting Director Hirshfeld
Ex-1040	"How reliable are trial dates relied on by the PTAB in the Fintiv analysis?" Dufresne, Kelley & Gordon (Oct. 29, 2021), available at https://www.1600ptab.com/2021/10/how-reliable-are-trial-dates-relied-on-by-the-ptab-in-the-fintiv-analysis/ (last visited Nov. 7, 2021)
Ex-1041	Docket Navigator ("Judge [Gilstrap] Time to Milestones")
Ex-1042	Case 2:21-cv-00054-JRG-RSP (Docket Control Order)
Ex-1043	Case 2:21-cv-00111-JRG-RSP (Docket Control Order)
Ex-1044	Case 2:21-cv-00126-JRG-RSP (Docket Control Order)
Ex-1045	Case 2:21-cv-00123-JRG (Docket Control Order)
Ex-1046	Case 2:21-cv-00137-JRG (Docket Control Order)
Ex-1047	Case 2:21-cv-00138-JRG (Docket Control Order)
Ex-1048	Petitioner's Stipulation Letter to Patent Owner, dated Nov. 12, 2021

The Board should *not* exercise its discretion to deny institution. Patent

Owner's Preliminary Response ("POPR") argument that all six *Apple Inc. v.*

Fintiv, Inc., IPR2020-00019, Paper 11 (PTAB Mar. 20, 2020) (precedential)

factors support denial misstates PTAB decisions, places undue support on the

notional trial schedule, ignores decisions crediting petitioners for utmost diligence

(filing **one** day after preliminary contentions), and fails to rebut the strong merits.

Factor 1—whether there is a stay or one may be granted—is neutral.

Where Petitioner has not yet requested a stay based solely on the filing of a

petition, this fact does not weigh in favor of or against institution. *Fintiv*, Paper 15

at 12 (informative). The POPR speculates what Judge Gilstrap might do if

Samsung requests a stay or what might happen if the case is transferred to the

SDNY[1]—where *Fintiv* is irrelevant because invalidity is not at issue. POPR 2-5;

Ex-2004 (SDNY Amended Complaint). The PTAB routinely rejects such

speculation. *See Nokia of Am. Corp. v. IPCom GmbH & Co. KG,* IPR2021-00533,

Paper 10 at 8 (PTAB Aug. 12, 2021) (neutral). Finally, Judge Gilstrap has stayed

trials pending ex parte examination. Pet. 67. The first factor is neutral.

Factor 2—proximity of the trial—weighs somewhat against institution.

As an initial matter, it is not a given this case will stay in Texas—it could be

transferred to the SDNY. Assuming the current schedule, however, institution at its

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[1] Samsung will update the Board of any changes in the status of the SDNY
litigation in the coming months.

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