

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,

Petitioner

v.

SMITH INTERFACE TECHNOLOGIES, LLC

Patent Owner

IPR2024-01083
Patent 10,642,413

PATENT OWNER'S UPDATED MANDATORY NOTICES

PATENT OWNER'S EXHIBIT LIST

Exhibit	Shorthand	Description
2001		Withdrawn
2002		Withdrawn
2003	JCC	Excerpt of Joint Claim Construction Chart Exhibit A.
2004	Stay Order	October 2, 2024, Order Granting in Part Apple's Motion to Stay in <i>Smith Interface Technologies, LLC v. Apple Inc.</i> , 3-23-cv-01187, S.D. Cal (Dkt. No. 127).
2005	Terveen	Transcript of the April 11, 2025, Deposition of Loren Terveen, Ph.D.
2006	Declaration	Declaration of Craig Rosenberg, Ph.D.
2007	CV	CV of Craig Rosenberg, Ph.D.
2008	918 Provisional	Provisional Patent Application 61/581,918
2009	Jono	Jonathan ("Jono") Xia, <i>Pie in the Sky</i> , Mozilla Labs (Archived July 21, 2011 and available online at https://web.archive.org/web/20110721001737/https://jonoscript.wordpress.com/2008/10/28/pie-in-the-sky/)
2010	Meadowcroft	Ben Meadowcroft, <i>Pie Menus a Brief Examination</i> , (Archived March 8, 2011 and available online at https://web.archive.org/web/20110308003423/https://www.benmeadowcroft.com/reports/piemenu/)
2011	Meadowcroft Bio	Ben Meadowcroft CV (Archived June 17, 2011 and available online at https://web.archive.org/web/20110617040542/http://www.benmeadowcroft.com:80/about/)
2012	Schuderer	Andreas Schuderer, <i>Pie menus on the Web</i> , Experiments (Archived March 3, 2011 and available online at https://web.archive.org/web/20110303221610/http://www.schuderer.net/experiments.shtml#readingmore)
2013	Callahan	J. Callahan, et. al. <i>An empirical comparison of pie vs. linear menus</i> (1988). CHI'88: Proceedings of the SIGCHI Conference on Human Factors in Computing

		Systems, May 1988, ACM, 95-100, (full version available online at https://archive.org/details/humanfactorsinco0000chic_c8g7/page/n1/mode/2up)
2014	Grouchnikov	Kirill Grouchnikov, <i>The usability of radial menus</i> , Pushing Pixels, (Archived July 28, 2012 and available online at https://web.archive.org/web/20120728140221/https://www.pushing-pixels.org/2012/07/25/the-usability-of-radial-menus.html)
2015	Grouchnikov Bio	Kirill Grouchnikov, <i>About me</i> , Pushing Pixels, (Archived July 1, 2011 and available online at https://web.archive.org/web/20110701062127/http://www.pushing-pixels.org/about-me)
2016	Jono Bio	Jonathan (“Jono”) Xia, <i>About me</i> , Work Press, (Archived July 21, 2011 and available online at https://web.archive.org/web/20110721001007/https://jonoscript.wordpress.com/tag/blogging/)
2017	Ahn EP	European Publication App. No. EP08101835.0 to Hye Sang Ahn et al. (“Ahn EP”)
2018	TerveenII	Transcript of the September 11, 2025, Deposition of Loren Terveen, Ph.D.
2019		September 23, 2025, Tentative Claim Construction Order in <i>Smith Interface Technologies, LLC v. Apple Inc.</i> , 3-23-cv-01187, S.D. Cal
2020	CC Order	October 3, 2025, Claim Construction Order in <i>Smith Interface Technologies, LLC v. Apple Inc.</i> , 3-23-cv-01187, S.D. Cal

Pursuant to 37 C.F.R. §42.8, Smith Interface Technologies, LLC (“Patent Owner”) files these Updated Mandatory Notices in light of the District Court’s recent claim construction order (“Order”) in *Smith Interface Technologies, LLC v. Apple Inc.*, Case No. 23-CV-1187 (S.D. Cal. Oct. 3, 2025). *See* EX2019; EX2020.

In the Order, the Court construes the claim term “virtual display layer” as “one or more display elements that appear at the same apparent depth of display;” construes the claim term “a distance magnitude” as “an amount of distance;” declines to construe the claim terms “blur,” “blurred,” and “blurring,” instead giving them their plain and ordinary meanings; and construes the claim term “adjacent” as “next to or very near something else.” EX2020, 19.

II. Related Matters (37 C.F.R. § 42.8(b)(2))

The following judicial matters involve the Challenged Patent and patents related to the Challenged Patent and may affect, or be affected by, a decision in this proceeding:

- *Smith Interface Technologies, LLC v. Samsung Electronics Co., Ltd. et al.*, 222-cv-00290 (EDTX) (terminated)
- *Smith Interface Technologies, LLC v. Apple Inc.*, 3-23-cv-01187 (SDCA) (pending)

The following administrative matters involve the Challenged Patent and may affect, or be affected by, a decision in this proceeding:

- *Ex Parte* Reexamination No. 90/019,646 (Pending)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01086 (Denied)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01114 (Denied)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01115 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01116 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01117 (Denied)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01118 (Denied)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01119 (Instituted)

The following administrative matters involve patents related to the Challenged Patent and may affect, or be affected by, a decision in this proceeding:

- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01088 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01091 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01087 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01089 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01090 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01083 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01084 (Instituted)
- *Apple Inc. v. Smith Interface Technologies, LLC*, IPR2024-01086 (Instituted)

Dated: October 27, 2025

Respectfully submitted,
/Chad Wallis/
Chad Wallis
Reg. No. 78,733

Back-up Counsel for Patent Owner

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on October 27, 2025, complete copies of Patent Owner's Updated Mandatory Notice and EX2019-2020 were served via email (by consent), as follows:

IPR50095-0163IP1@fr.com

/Chad Wallis/
Chad Wallis,
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