

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC. AND HP INC.,
Petitioners,

v.

XR COMMUNICATIONS, LLC, D/B/A VIVATO TECHNOLOGIES,
Patent Owner.

Case IPR2022-00367
Patent 10,715,235

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

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UPDATED EXHIBIT LIST

EXHIBIT-1001	U.S. Patent No. 10,715,235 to Da Silva (“the ’235 Patent”)
EXHIBIT-1002	Prosecution History of the ’235 Patent (“the Prosecution History”)
EXHIBIT-1003	Declaration and Curriculum Vitae of Dr. Robert Akl
EXHIBIT-1004	Complaint, <i>XR Communications, LLC v. Apple Inc.</i> , 6:21-cv-00620, W.D. Tex., June 16, 2021
EXHIBIT-1005	[RESERVED]
EXHIBIT-1006	U.S. Patent No. 7,155,231 (“Burke”)
EXHIBIT-1007	U.S. Patent No. 6,006,077 (“Shull”)
EXHIBIT-1008	U.S. Patent Application Publication No. 2002/0158801 (“Crilly”)
EXHIBIT-1009	U.S. Provisional Application No. 62/423,660 (“’660 Provisional Application”)
EXHIBIT-1010	U.S. Patent No. 6,879,823 (“Raaf”)
EXHIBIT-1011	PCT Application Publication No. WO 02/47286 (“Hottinen”)
EXHIBIT-1012	U.S. Patent No. 6,662,024 (“Walton”)
EXHIBIT-1013	U.S. Patent No. 6,208,863 (“Salonaho”)
EXHIBIT-1014	U.S. Patent Application Publication No. 20020080862 (“Ali”)
EXHIBIT-1015	U.S. Patent No. 7,340,017 (“Banerjee”)
EXHIBIT-1016	U.S. Patent No. 6,792,031 (“Sriram”)

- EXHIBIT-1017 Andrea Goldsmith, *Wireless Communications*, Cambridge University Press, 2005
- EXHIBIT-1018 Complaint, *XR Communications, LLC v. HP Inc.*, 6:21-cv-00694, W.D. Tex., July 1, 2021
- EXHIBIT-1019 U.S. Patent No. 6,661,832 (“Sindhushayana”)
- EXHIBIT-1020 Plaintiff’s Infringement Contentions, *XR Communications, LLC v. Apple Inc.*, 6:21-cv-00620, W.D. Tex., Dec. 20, 2021
- EXHIBIT-1021 “How the Pandemic is Shaping Patent Trials in District Courts,” Law360, Feb. 18, 2021, available at <https://www.troutman.com/insights/how-the-pandemic-is-shaping-patent-trials-in-district-courts.html>
- EXHIBIT-1022 “2021 Discretionary Denials Have Passed 100, But Are Slowing,” Dani Krass, Law360, July 21, 2021
- EXHIBIT-1023 “Leahy And Cornyn Introduce Bipartisan Bill To Support American Innovation And Reduce Litigation”, Sep. 29, 2021, available at: <https://www.leahy.senate.gov/press/leahy-and-cornyn-introduce-bipartisan-bill-to-support-american-innovation-and-reduce-litigation>
- EXHIBIT-1024 Restoring the America Invents Act, S. 2891, 117th Cong. (2021)
- EXHIBIT-1025 “Roku’s Trial Delay Request OK’d by ‘Surprised’ Texas Judge,” Law360, Aug. 10, 2020, available at <https://www.law360.com/articles/1299933>
- EXHIBIT-1026-1032 [RESERVED]
- EXHIBIT-1033 Apple’s first stipulation, *XR Communications, LLC v. Apple Inc.*, 6:21-cv-00620, W.D. Tex., May 19, 2022
- EXHIBIT-1034 HP’s first stipulation, *XR Communications, LLC v. HP Inc.*, 6:21-cv-00694, W.D. Tex., May 19, 2022

EXHIBIT-1035-1036 [RESERVED]

EXHIBIT-1037 Apple's motion to transfer, *XR Communications, LLC v. Apple Inc.*, 6:21-cv-00620, W.D. Tex., Dec. 10, 2021

EXHIBIT-1038 HP's motion to transfer, *XR Communications, LLC v. HP Inc.*, 6:21-cv-00694, W.D. Tex., Apr. 8, 2022

EXHIBIT-1039 Order resetting Markman Hearing, *XR Communications, LLC v. Apple Inc.*, 6:21-cv-00620, W.D. Tex., May 23, 2022

EXHIBIT-1040 Order resetting Markman Hearing, *XR Communications, LLC v. HP Inc.*, 6:21-cv-00694, W.D. Tex., May 24, 2022

EXHIBIT-1041 [RESERVED]

EXHIBIT-1042 Second Amended Standing Order Regarding Motions for Inter-District Transfer, W.D. Tex., Aug. 21, 2021

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