

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

IXI IP, LLC,
Patent Owner.

Case IPR2019-00139
Patent 7,039,033

**PETITIONER'S REPLY TO PATENT OWNER'S OPPOSITION TO
PETITIONER'S MOTION FOR JOINDER**

EXHIBITS

EXHIBIT 1001	U.S. Patent No. 7,039,033 to Haller et al. (“’033 patent”)
EXHIBIT 1002	Prosecution History of the ’033 patent
EXHIBIT 1003	Declaration of Dr. Sayfe Kiaei
EXHIBIT 1004	Curriculum Vitae of Dr. Sayfe Kiaei
EXHIBIT 1005	International Publication No. WO 2001/76154 A2 to Marchand (“Marchand”)
EXHIBIT 1006	U.S. Patent Application No. 09/541,529 to Marchand (“Marchand Priority”)
EXHIBIT 1007	Handley et al., Request For Comments 2543 SIP: Session Initiation Protocol, The Internet Society, March, 1999 (“RFC 2543”)
EXHIBIT 1008	U.S. Patent No. 6,836,474 to Larsson (“Larsson”)
EXHIBIT 1009	K. Arnold et al., The JINI™ Specification, Addison-Wesley, June 1, 1999 (“JINI Spec.”)
EXHIBIT 1010	U.S. Patent No. 6,560,642 to Nurmman (“Nurmman”)
EXHIBIT 1011	U.S. Patent No. 6,771,635 to Vilander (“Vilander”)
EXHIBIT 1012	U.S. Patent Application Publication No. 2002/0068608 to Souissi (“Souissi”)
EXHIBIT 1013	U.S. Patent No. 6,486,832 to Abramov, et al. (“Abramov”)
EXHIBIT 1014	U.S. Patent No. 7,193,965 to Nevo, et al. (“Nevo”)
EXHIBIT 1015	U.S. Patent No. 6,556,222 to Chandrasekhar Narayanaswami (“Narayanaswami”)

- EXHIBIT 1016 International Publication No. WO 1999/22338 to Williams (“Williams”)
- EXHIBIT 1017 U.S. Patent No. 7,155,163 to Cannon (“Cannon”)
- EXHIBIT 1018 802.11b, “Supplement to IEEE Standard for Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements. Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band,” Print ISBN 0738118117, published January 20, 2000 (“802.11b”)
- EXHIBIT 1019 IEEE 802.11, “IEEE Standard for Information Technology—Telecommunications and Information Exchange Between Systems—Local and Metropolitan Area Networks—Specific requirements. Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications,” ISBN 0-7381-1658-0, published August 20, 1999 (“802.11”)
- EXHIBIT 1020 A COLLECTION OF JINI TECHNOLOGY HELPER UTILITIES AND SERVICES SPECIFICATIONS (“JINI Collection”)
- EXHIBIT 1021 U.S. Patent No. 5,465,401 to Thompson (“Thompson”)
- EXHIBIT 1022 GSM Phase 2+ General Packet Radio Service GPRS: Architecture, Protocols, and Air Interface (“Bettstetter”)
- EXHIBIT 1023 U.S. Patent No. 6,557,037 to Provino (“Provino”)
- EXHIBIT 1024 U.S. Patent No. 6,028,848 to Bhatia (“Bhatia”)
- EXHIBIT 1025 U.S. Patent No. 6,185,611 to Waldo, et al. (“Waldo”)
- EXHIBIT 1026 Bluetooth Specification, Version 1.0B (“Bluetooth

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Spec.”)

EXHIBIT 1027	IPR2015-01443, Petition
EXHIBIT 1028	IPR2015-01444, Petition
EXHIBIT 1029	IPR2015-01443, Final Written Decision
EXHIBIT 1030	IPR2015-01444, Final Written Decision
EXHIBIT 1031	Declaration of Dr. Sayfe Kiaei submitted in IPR2015-01444
EXHIBIT 1032	Prosecution History of Reexamination Control No. 90/013,925
EXHIBIT 1033	U.S. Patent No. 6,073,036 to Heikkinen et al. (“Heikkinen”)
EXHIBIT 1034	U.S. Patent No. 5,422,656 to Allard et al. (“Allard”)
EXHIBIT 1035	U.S. Patent No. 6,801,778 to Koorapaty et al. (“Koorapaty”)
EXHIBIT 1036	U.S. Patent No. 5,786,789 to Janky (“Janky”)
EXHIBIT 1037	U.S. Patent No. 6,404,761 to Snelling et al. (“Snelling”)
EXHIBIT 1038	“Router Plugins: A Software Architecture for Next Generation Routers,” Computer Communication Review (1998), vol. 28, No. 4, p. 229-240 (“Router Plugins”)
EXHIBIT 1039	U.S. Patent No. 6,891,820 to Pham, et al. (“Pham”)
EXHIBIT 1040	U.S. Patent No. 6,775,258 to van Valkenburg, et al. (“van Valkenburg”)
EXHIBIT 1041	U.S. Patent No. 6,463,304 to Smethers (“Smethers”)
EXHIBIT 1042	U.S. Patent No. 6,983,310 to Rouse et al. (“Rouse”)

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- EXHIBIT 1043 U.S. Patent No. 6,138,022 to Strawczynski et al.
("Strawczynski")
- EXHIBIT 1044 U.S. Patent No. 6,754,833 to Black et al. ("Black")
- EXHIBIT 1045 U.S. Patent No. 6,580,916 to Weisshaar et al.
("Weisshaar")
- EXHIBIT 1046 J. Newmarch, A Programmer's Guide to Jini
Technology, Apress, 2000 ("Newmarch")
- EXHIBIT 1047 U.S. Patent No. 6,728,323 to Chen et al. ("Chen")
- EXHIBIT 1048 HIGHLY INTEGRATED SINGLE-CHIP
BASEBAND PROCESSOR FOR GSM HANDSETS
("Shohara")
- EXHIBIT 1049 U.S. Patent No. 6,970,940 to Vogel et al. ("Vogel")
- EXHIBIT 1050 U.S. Patent No. 6,622,017 to Hoffman ("Hoffman")
- EXHIBIT 1051 Email String Granting IXI's Request to Extend the Due
Date for IXI's Opposition of Apple's Joinder Motion

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