IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Cameron *et al*.

U.S. Patent No.: 5,915,210 Attorney Docket No.: 39521-0005IP1

Issue Date: Jun. 22, 1999 Appl. Serial No.: 08/899,476 Filing Date: Jul. 24, 1997

Title: METHOD AND SYSTEM FOR PROVIDING MULTICARRIER

SIMULCAST TRANSMISSION

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CORRECTED PETITION FOR INTER PARTES REVIEW OF UNITED STATES PATENT NO. 5,915,210 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42



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EXHIBITS

APPLE-1001	U.S. Patent No. 5,915,210 to Cameron <i>et al.</i> ("the '210 patent")
APPLE-1002	Excerpts from the Prosecution History of the '210 Patent ("the Prosecution History")
APPLE-1003	Docket for <i>Mobile Telecommunications Technologies, LLC v. Apple Inc.</i> , Case No. 2:13-CV-258 (E.D. Tex.)
APPLE-1004	Declaration of Dr. Apostolous Kakaes ("Kakaes Declaration")
APPLE-1005	Plaintiff's Opening Brief on Issues of Claim Construction from <i>Mobile Telecommunications Technologies, LLC v. Apple Inc.</i> , Civil Action No. 2:13-cv-258-JRG-RSP (E.D. Tex.) ("Plaintiff's Opening Brief")
APPLE-1006	Claim Construction Order from <i>Mobile Telecommunications Technologies, LLC v. Apple Inc.</i> , Civil Action No. 2:13-cv-258-JRG-RSP (E.D. Tex.) ("Markman Order")
APPLE-1007	Claim Construction Order from <i>Mobile Telecommunications Technologies, LLC v. Clearwire Corp.</i> , Civil Action No. 2:12-cv-308-JRG-RSP (E.D. Tex.) ("Clearwire Order")
APPLE-1008	English Translation of German Patent Publication No. DE4102408 to Saalfrank ("Saalfrank")
APPLE-1009	Yasuhisa Nakamura et al., 256 QAM Modem for Multicarrier 400 Mbit/s Digital Radio, 5 IEEE Journal on Selected Areas in Communications 329 (Apr. 1987) ("Nakamura")
APPLE-1010	U.S. Patent No. 5,365,569 to Witsaman et al. ("Witsaman")
APPLE-1011	John A. C. Bingham, <i>Multicarrier Modulation for Data Trans-</i> <i>mission: An Idea Whose Time Has Come</i> , 28 IEEE Communi- cations Magazine 5 (May 1990) ("Bingham")



APPLE-1012	Bernard Le Floch <i>et al.</i> , <i>Digital Sound Broadcasting to Mobile Receivers</i> , 35 IEEE Transactions on Consumer Electronics 493 (Aug. 1989) ("Le Floch")
APPLE-1013	Certificate of Translation of German Patent Publication No. DE4102408 to Saalfrank
APPLE-1014	U.S. Patent No. 5,381,449 to Jasper et al.
APPLE-1015	U.S. Patent No. 5,544,198 to Saalfrank
APPLE-1016	John D. Oetting, <i>A Comparison of Modulation Techniques for Digital Radio</i> , 27 IEEE Transactions on Communications 1752 (Dec. 1979)
APPLE-1017	U.S. Patent No. 5,168,509 to Nakamura et al.
APPLE-1018	German Patent Publication No. DE4102408 to Saalfrank



Apple Inc. ("Petitioner" or "Apple") petitions for *Inter Partes* Review ("IPR") under 35 U.S.C. §§ 311–319 and 37 C.F.R. § 42 of claims 1, 10 and 19 ("the Challenged Claims") of U.S. Patent No. 5,915,210 ("the '210 patent"). As explained in this petition, there exists a reasonable likelihood that Apple will prevail with respect to at least one of the Challenged Claims. Apple respectfully submits that an IPR should be instituted, and that the Challenged Claims should be canceled as unpatentable.

- I. MANDATORY NOTICES UNDER 37 C.F.R § 42.8(a)(1)
- A. Real Party-In-Interest Under 37 C.F.R. § 42.8(b)(1)
 Petitioner, Apple Inc., is the real party-in-interest.
 - B. Related Matters Under 37 C.F.R. § 42.8(b)(2)

Apple is not aware of any terminal disclaimers for the '210 Patent. The '210 Patent is presently involved in five pending litigations (the Litigations), one of which names Apple as a defendant: *Mobile Telecommunications Technologies*, *LLC v. Sprint Nextel Corp.*, Case No. 2:12-CV-832 (E.D. Tex.); *Mobile Telecommunications Technologies*, *LLC v. Apple Inc.*, Case No. 2:13-CV-258 (E.D. Tex.) (hereinafter "the Apple litigation"); *Mobile Telecommunications Technologies*, *LLC v. Leap Wireless International, Inc.*, Case No. 2-13-CV-885 (E.D. Tex.); *Mobile Telecommunications Technologies*, *LLC v. T-Mobile USA, Inc.*, Case No. 2-13-CV-886 (E.D. Tex.); and *Mobile Telecommunications Technologies*, *LLC v.*



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