

Attorney Docket No. 01048-21IP210  
IPR of U.S. Patent No. 5,915,210

**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.: 01048-21IP210  
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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**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

- TMO1001 U.S. Patent No. 5,915,210 to Cameron *et al.* (the “’210 patent”)
- TMO1002 Excerpts from the Prosecution History of the ’210 patent (the “Prosecution History”)
- TMO1003 Docket for *Mobile Telecommunications Technologies, LLC v. T-Mobile USA, Inc., et al.*, Case No. 2:13-CV-886-JRG-RSP (E.D. Tex.)
- TMO1004 Declaration of Dr. Apostolos Kakaes from *Apple Inc. v. Mobile Telecommunications Technologies, LLC* (IPR2014-01036) (“Kakaes Declaration”)
- TMO1005 Plaintiff’s Opening Brief on Issues of Claim Construction from *Mobile Telecommunications Technologies, LLC v. Apple Inc.*, Civil Action No. 2:13-cv-258-JRG-RSP (E.D. Tex.) (“Plaintiff’s Opening Brief”)
- TMO1006 Claim Construction Order from *Mobile Telecommunications Technologies, LLC v. Apple Inc.*, Civil Action No. 2:13-cv-258-JRG-RSP (E.D. Tex.) (“Markman Order”)
- TMO1007 Claim Construction Order from *Mobile Telecommunications Technologies, LLC v. Clearwire Corp.*, Civil Action No. 2:12cv-308-JRG-RSP (E.D. Tex.) (“Clearwire Order”)
- TMO1008 English Translation of German Patent Publication No. DE4102408 to Saalfrank (“Saalfrank”)
- TMO1009 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”)
- TMO1010 U.S. Patent No. 5,365,569 to Witsaman *et al.* (“Witsaman”)

- TMO1011 John A. C. Bingham, Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come, 28 IEEE Communications Magazine 5 (May 1990) (“Bingham”)
- TMO1012 Bernard Le Floch et al., Digital Sound Broadcasting to Mobile Receivers, 35 IEEE Transactions on Consumer Electronics 493 (Aug. 1989) (“Le Floch”)
- TMO1013 Certificate of Translation of German Patent Publication No. DE4102408 to Saalfrank
- TMO1014 U.S. Patent No. 5,381,449 to Jasper, *et al.*
- TMO1015 U.S. Patent No. 5,544,198 to Saalfrank (referenced *infra* Ex. TMO1004 (the “Kakaes Declaration”) at p. 8)
- TMO1016 John D. Oetting, A Comparison of Modulation Techniques for Digital Radio, 27 IEEE Transactions on Communications 1752 (Dec. 1979) (referenced *infra* Ex. TMO1004 (the “Kakaes Declaration”) at pp. 7-8)
- TMO1017 U.S. Patent No. 5,168,509 to Nakamura, et al. (referenced *infra* Ex. TMO1004 (the “Kakaes Declaration”) at p. 16)
- TMO1018 German Patent Publication No. DE4102408 to Saalfrank
- TMO1019 Corrected Petition for *Inter Partes* Review of U.S. Patent No. 5,915,210 from *Apple Inc. v. Mobile Telecommunications Technologies, LLC* (IPR2014-01036) (filed June 27, 2014)(“Apple IPR petition”)
- TMO1020 Agreed Terms of Joint Claim Construction and Prehearing Statement from *Mobile Telecommunications Technologies, LLC v. T-Mobile USA, Inc.*, Case No. 2-13-CV-886 (E.D. Tex.)
- TMO1021 Disputed Terms of Joint Claim Construction and Prehearing Statement from *Mobile Telecommunications Technologies, LLC v. T-Mobile USA, Inc.*, Case No. 2-13-CV-886 (E.D. Tex.)

TMO1022

Declaration of Dr. Behnaam Aazhang (“Aazhang Declaration”)

TMO1023

Institution of Inter Partes Review Decision from *Clearwire Corporation and Clear Wireless LLC v. Mobile Telecommunications Technologies, LLC*, Case IPR2013-00306 (USPTO PTAB)

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