

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SIRIUS XM RADIO INC.,
Petitioner,

v.

FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E.V.,
Patent Owner.

Case IPR2018-00690
Patent No. 6,314,289

PETITIONER'S UPDATED EXHIBIT LIST

UPDATED EXHIBIT LIST

EXHIBIT NO.	DESCRIPTION
Exhibit-1001	U.S. Patent No. 6,314,289 (the “289 Patent”) titled, Apparatus and Method for Transmitting Information and Apparatus and Method for Receiving Information, issued on November 6, 2001.
Exhibit-1002	Declaration of David Lyon, Ph.D., in support of Petition for <i>Inter Partes Review</i> of U.S. Patent No. 6,314,289, dated February 20, 2018 (“Lyon Dec.”).
Exhibit-1003	U.S. Patent No. 6,247,158 (“Smallcomb”) titled, Digital Broadcasting System and Method, issued on June 12, 2001.
Exhibit-1004	U.S. Patent No. 6,347,122 (“Chen”) titled, Optimal Complement Punctured Convolutional Codes for Use in Digital Audio Broadcasting and Other Applications, issued on February 12, 2002.
Exhibit-1005	U.S. Patent No. 6,944,139 (“Campanella”) titled, Digital Broadcast System Using Satellite Direct Broadcast and Terrestrial Repeater, issued on September 13, 2005.
Exhibit-1006	U.S. Patent No. 5,907,582 (“Yi”) titled, System for Turbo-Coded Satellite Digital Audio Broadcasting, issued on May 25, 1999.
Exhibit-1007	S. Kallel, <i>Complementary Punctured Convolutional (CPC) Codes and Their Applications</i> , IEEE Transactions on Communications, Vol. 43, No. 6, June 1995 (“Kallel”).
Exhibit-1008	J. G. Proakis, <i>Digital Communications</i> , McGraw Hill, Inc., 3 rd Ed., 1995 (excerpts).
Exhibit-1009	B.W. Kroeger and D. Cammarata, <i>Robust Modem and Coding Techniques for FM Hybrid IBOC DAB</i> , IEEE Transactions on Broadcasting, vol. 43, No. 4, December 1997 (“Kroeger”).
Exhibit-1010	IEEE Standard Dictionary of Electrical and Electronics Terms, Sixth Ed., 1996.

EXHIBIT NO.	DESCRIPTION
Exhibit-1011	Prosecution History of U.S. Patent No. 6,314,289 (excerpts).
Exhibit-1012	B. Sklar, Digital Communications – Fundamentals and Applications, P T R Prentice Hall, 1988 (excerpts).
Exhibit-1013	Declaration of Jonathan S. Caplan.
Exhibit-1014	Screenshot of IPR Petition documents filed in AIA Review IPR2018-00690 from June 14, 2018.
Exhibit-1015	Screenshot of Documents for AIA Review IPR2018-00690.
Exhibit-1016	Docket for AIA Review IPR2018-00690 and payment information from June 15, 2018.
Exhibit-1017	<i>Inter Partes</i> Review for Patent No. 6,314,289 mailing receipts to Counsel, postmarked February 22, 2018 .
Exhibit-1018	February 23, 2018 E-mail from Jonathan Caplan to Trials@uspto.gov regarding filing fees for IPR2018-00690.
Exhibit-1019	Proposed Protective Order.
Exhibit-1020	Declaration of Patrick Donnelly.
Exhibit-1021	December 7, 2018 E-mail Correspondence Among Counsel for the Parties and the Board.
Exhibit-1022	January 2019 E-mail Correspondence Among Counsel for the Parties and the Board.
Exhibit-1023	February 2019 E-mail Correspondence Among Counsel for the Parties and the Board.
Exhibit-1024	April 2019 E-mail Correspondence Among Counsel for the Parties and the Board.
Exhibit-1025	Declaration on David Lyon in Support of Petitioner’s Reply.

EXHIBIT No.	DESCRIPTION
Exhibit-1026	Provisional Application Number 60/079591 (excerpts).
Exhibit-1027	Provisional Application Number 60/110258 (excerpts).
Exhibit-1028	Patent Publication (PCT) WO 99/49602.
Exhibit-1029	Deposition Transcript of Wayne E. Stark, Ph.D., dated February 7, 2020.
Exhibit-1030	WIPO - PCT Notification No. 21 – Patent Cooperation Treaty (PCT). Declaration by the United States of America under Article 64(4)(a).
Exhibit-1031	J. G. Proakis, Digital Communications, McGraw Hill, Inc., 3 rd Ed., 1995 (excerpts).
Exhibit-1032	Harry Newton, Newton's Telecom Dictionary, 11th Edition, Flatiron Publishing Inc, 1996 (excerpts).

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that a true and correct copy of the foregoing Petitioner's Exhibit List was served on February 18, 2020, by filing this document through the PTAB E2E System as well as delivering via electronic mail upon the following counsel of record for Patent Owner:

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