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 IPR2018-00689 Patent No. 6,993,084

PATENT OWNER'S SUR-REPLY TO PETITIONER'S REPLY TO PATENT OWNER'S PRELIMINARY RESPONSE

Mail Stop "PATENT BOARD"

Patent Trial and Appeal Board U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450



UPDATED EXHIBIT LIST

Fraunhofer Ex. 2001	Executed Summons to Sirius XM Radio Inc., attaching Complaint for Patent Infringement, Dated February 22, 2017	
Fraunhofer Ex. 2002	Fraunhofer Complaint for Patent Infringement against Defendant Sirius XM Radio Inc., Filed February 22, 2017	
Fraunhofer Ex. 2003	Expert Declaration of Michael L. Honig, Ph.D. in Support of Patent Owner's Preliminary Response	
Fraunhofer Ex. 2004	Curriculum Vitae of Michael L. Honig, Ph.D.	
Fraunhofer Ex. 2005	Sirius XM Holdings Inc., SEC Form 10-K for the year ended December 31, 2017, Filed January 31, 2018	
Fraunhofer Ex. 2006	Sirius XM Holdings Inc., SEC Form 8-K, November 14, 2013	
Fraunhofer Ex. 2007	Pandora Media, Inc., SEC Schedule 13D, September 22, 2017	
Fraunhofer Ex. 2008	Pandora Media, Inc., SEC Joint Filing Agreement (Exhibit A) to Schedule 13D, September 22, 2017	
Fraunhofer Ex. 2009	Sirius XM Holdings Inc., SEC Form 8-K, January 11, 2018	
Fraunhofer Ex. 2010	Sirius XM Holdings Inc., Exhibit 10.1 to SEC Form 8-K, January 10, 2018 (Meyer Employment Agreement)	
Fraunhofer Ex. 2011	Sirius XM Holdings Inc., SEC Form 8-K, January 14, 2014	
Fraunhofer Ex. 2012	Sirius XM Holdings Inc., Exhibit 10.1 to SEC Form 8-K, January 10, 2014 (Donnelly Employment Agreement)	
Fraunhofer Ex. 2013	Sirius XM Holdings Inc., SEC Form 10-K for the year ended December 31, 2016, Filed February 2, 2017	
Fraunhofer Ex. 2014	Defendant Sirius XM Radio Inc.'s Corporate Disclosure Statement Pursuant to Rule 7.1 of the Federal Rules of Civil Procedure, April 25, 2017	



	<u> </u>
Fraunhofer	Erik Knutson v. Sirius XM Radio Inc., No. 12-cv-0418- AJB (S.D. Cal.), First Amended Class Action Complaint
Ex. 2015	for Damages, Filed May 29, 2015
Fraunhofer	Francis W. Hooker v. Sirius XM Radio Inc., No. 4:13-cv-3
Ex. 2016	(E.D. Va.), Class Complaint, Filed January 4, 2013
Fraunhofer	Yefim Elikman v. Sirius XM Radio Inc. and Career
Ex. 2017	Horizons, Inc., No. 1:15-cv-02093 (N.D. Ill.), Second
	Amended Class Action Complaint, Filed April 1, 2015
Fraunhofer Ex. 2018	Anthony Parker v. Sirius XM Radio Inc., No. 8:15-cv-
	01710-JSM-EAJ (M.D. Fla), Class Action Complaint, Filed July 22, 2015
Fraunhofer	Francis W. Hooker et al. v. Sirius XM Radio Inc., No. 4:13-
Ex. 2019	cv-3 (E.D. Va.), Final Order Approving Settlement and
	Certifying the Settlement Class, Filed December 22, 2016
Fraunhofer Ex. 2020	Corporate Overview for Sirius XM Satellite Radio,
	retrieved from https://www.siriusxm.com/corporate?
	intemp=GN_FOOTER_NEW_AboutSiriusXM_Corp on
F 1 0	June 29, 2018 Sirius VM Holdings Inc. Common Stock (SIDI) Bool Time
Fraunhofer Ex. 2021	Sirius XM Holdings Inc. Common Stock (SIRI) Real-Time Stock Quote, NASDAQ.com, retrieved from
	https://www.nasdaq.com/symbol/siri/real-time on June 29,
	2018
Fraunhofer	Sirius XM Holdings Wikipedia Page, retrieved from
Ex. 2022	https://en.wikipedia.org/wiki/Sirius_XM_Holdings on July 2018
Fraunhofer	SIRI – Sirius XM Holdings Inc. Company Profile –
Ex. 2023	CNNMoney.com, retrieved from https://money.cnn.com/
	quote/profile/profile.html?symb=SIRI on July 2, 2018
Fraunhofer Ex. 2024	Sirius XM Holdings Inc. (SIRI) Stock is Still Slipping,
	May 2, 2017, retrieved from https://investorplace.com
	/2017/05/sirius-xm-siri-stock-slipping/ on July 2, 2018
Fraunhofer Ex. 2025	Verizon to Buy Gogo? 'Not so Fast,' Macquarie Says,
	August 27, 2014, retrieved from https://finance.yahoo.com
	/news/verizon-buy-gogo-not-fast-151154614.html on July 2, 2018
F 1 C	
Fraunhofer Ex. 2026	Global Interactive Media, Inc. v. Sirius XM Holdings Inc., 1:16-cv-06379-JGK (N.D. of Ill.), Complaint Filed June 30,
	2016
	2010



Fraunhofer Ex. 2027	Aug. 31, 2016 Letter from Mark A. Baghdassarian to Court in <i>Global Interactive Media, Inc. v. Sirius XM Holdings Inc.</i> , 1:16-cv-06379-JGK (N.D. of Ill.)		
Fraunhofer Ex. 2028	December 8, 2016 Stipulated Dismissal With Prejudice in <i>Global Interactive Media, Inc. v. Sirius XM Holdings Inc.</i> , 1:16-cv-06379-JGK (N.D. of Ill.)		
Fraunhofer Ex. 2029	Written Statement of David J. Frear, Chief Financial Officer, Sirius XM Holdings Inc. Before the U.S. House of Representatives Committee on the Judiciary Subcommittee on Courts, Intellectual Property, and the Internet, Hearing on Music Licensing Under Title 17, June 25, 2014		
Fraunhofer Ex. 2030	Patrick Donnelly Emails		
Fraunhofer Ex. 2031	Sirius XM Holdings Inc. (SIRI) Company Profile, Reuters, retrieved from https://www.reuters.com/finance/stocks/company-profile/SIRI.OQ on July 5, 2018		
Fraunhofer Ex. 2032	LinkedIn Profile for Sirius XM Holdings Inc., retrieved from https://www.linkedin.com/company/sirius-xm-radio-inc./ on July 5, 2018		
Fraunhofer Ex. 2033	Technology License Agreement, July 24, 1998		



TABLE OF AUTHORITIES

	Page(s)
Cases	
Aceto Corp. v. Gowan Co., IPR2015-01016, Paper No. 15 (Oct. 2, 2015)	2
Amazon.com, Inc. v. Appistry, Inc., IPR2015-00480, Paper No. 18 (July 13, 2015)	4
Applications in Internet Time, LLC v. RPX Corp., 897 F.3d 1336 (Fed. Cir. 2018)	1, 2, 3
Atlanta Gas Co. v. Bennett Regulator, Inc., IPR2013-00453, Paper No. 88 (Jan. 6, 2015)	2, 3
Corning Optical, LLC v. PPC Broadband, Inc., IPR2014-00440, Paper No. 70 (Dec. 9, 2015)	5
Galderma S.A. v. Allergan USA Inc., IPR2014-01422, Paper No. 14 (Mar. 5, 2015)	4, 5
Radware, Inc. v. F5 Networks, Inc., IPR2017-01185, Paper No. 9 (Oct. 11, 2017)	1, 2, 4
Reflectix, Inc. v. Promethean Tech, IPR2015-00039, Paper No. 18 (Apr. 24, 2015)	5
Zerto Inc. v. EMC Corp., IPR2014-01254, Paper No. 35 (Mar. 3, 2015)	4
Zoll Lifecor Corp. v. Philips Elecs. North Am. Corp., IPR2013-00606, Paper No. 13 (Mar. 20, 2014)	5
<u>Statutes</u>	
35 U.S.C. 8 315(e)	1 5



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

