

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.

Petitioner

v.

SIGHTSOUND TECHNOLOGIES, LLC

Patent Owner

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Case CBM2013-00020

Patent 5,191,573

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Before the Honorable MICHAEL P. TIERNEY, JUSTIN T. ARBES, and  
GEORGIANNA W. BRADEN,  
*Administrative Patent Judges.*

**PETITIONER'S REPLY**

FILED UNDER SEAL

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<b>EXHIBIT LIST</b>	
Exhibit 4101	United States Patent No. 5,191,573
Exhibit 4102	United States Patent No. 5,191,573 File History
Exhibit 4103	Application No. 90/007,402 ('573 Patent Reexamination)
Exhibit 4104	Deposition Transcript of Arthur Hair, dated Dec. 11, 2012, SightSound Techs., LLC v. Apple Inc., No. 11-1292 (W.D. Pa.)
Exhibit 4105	Deposition of Scott Sander, dated Dec. 18-19, 2012, SightSound Techs., LLC v. Apple Inc., No. 11-1292 (W.D. Pa.)
Exhibit 4106	"Joint Telerecording Push: CompuSonics, AT&T Link," <i>Billboard</i> (Oct. 5, 1985)
Exhibit 4107	David Needle, "From the News Desk: Audio/digital interface for the IBM PC?," <i>InfoWorld</i> , vol. 6, no. 23, p. 9, June 4, 1984
Exhibit 4108	Larry Israelite, "Home Computing: Scenarios for Success," <i>Billboard</i> , Dec. 15, 1984
Exhibit 4109	International Patent Application WO85/02310, filed on November 14, 1984, and published on May 23, 1985 ("Softnet")
Exhibit 4110	United States Patent No. 3,718,906 filed on June 1, 1971, issued on February 27, 1973 ("Lightner")
Exhibit 4111	United States Patent No. 3,990,710 filed on March 1, 197, issued on November 9, 1976 ("Hughes")
Exhibit 4112	Image titled, "CompuSonics Digital Audio Telecommunication System"
Exhibit 4113	7/16/84 CompuSonics Letter from David Schwartz to Shareholders
Exhibit 4114	Hyun Heinz Sohn, "A High Speed Telecommunications Interface for Digital Audio Transmission and Reception," presented at the 76th AES Convention, October 8-11, 1984
Exhibit 4115	10/10/85 CompuSonics Letter from David Schwartz to Shareholders
Exhibit 4116	CompuSonics Video Application Notes – CSX Digital Signal Processing (1986)
Exhibit 4117	Image titled, "CompuSonics Digital Audio Software Production/"

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	Distribution”
Exhibit 4118	United States Patent No. 4,682,248 filed on September 17, 1985, issued on July 21, 1987 (“Schwartz Patent”)
Exhibit 4119	“The Search for the Digital Recorder,” <i>Fortune Magazine</i> (Nov. 12, 1984)
Exhibit 4120	Excerpts of Lecture at Stanford by D. Schwartz and J. Stautner, 1987 (video)
Exhibit 4121	Bryan Bell, “Synth-Bank: The Ultimate Patch Library,” <i>Electronic Musician</i> (Sept. 1986)
Exhibit 4122	2/22/86 Agreement between Synth-Bank and Artist
Exhibit 4123	3/17/87 United States Patent & Trademark Office Notice of Acceptance and Renewal, Serial No. 73/568543
Exhibit 4124	“SynthBank Bulletin Board,” <i>Keyboard Magazine</i> (March 1987)
Exhibit 4125	“Inside Macintosh,” Volumes I, II, and III, Addison-Wesley Publishing Company, Inc. (1985)
Exhibit 4126	Craig Partridge, “The Technical Development of Internet Email,” BBN Technologies
Exhibit 4127	United States Patent 5,966,440 File History
Exhibit 4128	United States Patent No. 4,124,773 filed on November 26, 1976, issued on November 7, 1978 (“Elkins”)
Exhibit 4129	United States Patent No. 4,667,088 filed on November 1, 1982, issued on May 19, 1987 (“Kramer et al.”)
Exhibit 4130	United States Patent No. 4,528,643 filed on January 10, 1983, issued on July 9, 1985 (“Freeny”)
Exhibit 4131	Photo of CompuSonics equipment
Exhibit 4132	Declaration of Dr. John P.J. Kelly In Support of Petition for Covered Business Method Patent Review
Exhibit 4133	Declaration of David Schwartz In Support of Petition for Covered Business Method Patent Review
Exhibit 4134	11/19/12 Special Master’s Report and Recommendation on Claim Construction (D.I. 142), <i>SightSound Techs., LLC v. Apple Inc.</i> , No. 11-1292 (W.D. Pa.)

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Exhibit 4135	2/13/13 Order re Claim Construction (D.I. 175), <i>SightSound Techs., LLC v. Apple Inc.</i> , No. 11-1292 (W.D. Pa.)
Exhibit 4136	United States Patent No. 5,675,734 File History
Exhibit 4137	Excerpt from <i>Chambers Science and Technology Dictionary</i> (1988)
Exhibit 4138	Excerpt from <i>Webster's II New Riverside University Dictionary</i> (1988)
Exhibit 4139	Declaration of Dr. John P.J. Kelly, dated Sept. 7, 2012
Exhibit 4140	<i>New Telerecording Method for Audio</i> , Broadcast Management/Engineering, pp. 14-15, Oct. 1985
Exhibit 4141	4/20/01 Markman Hearing Transcript, <i>SightSound.com Inc., v. N2K, Inc., et al.</i> , No. 98-118 (W.D. Pa.)
Exhibit 4142	Plaintiff SightSound Techs., LLC's Expert Report of Dr. J. Douglas Tygar Regarding Infringement, dated April 22, 2013
Exhibit 4143	Declaration of Flora D. Elias-Mique In Support of Petition for Covered Business Method Patent Review
Exhibit 4144	Declaration of Ching-Lee Fukuda In Support of Petition for Covered Business Method Patent Review
Exhibit 4145	Declaration of Roberto J. Gonzalez In Support of Petition for Covered Business Method Patent Review
Exhibit 4146	Declaration of Megan F. Raymond In Support of Petition for Covered Business Method Patent Review
Exhibit 4147	Transcription of Audio, Excerpts of CompuSonics Lecture (Lecture at Stanford by D. Schwartz and J. Stautner, 1987)
Exhibit 4148	Expert Report of Dr. John P. J. Kelly Regarding Non-Infringement of United States Patent Nos. 5,191,573 and 5,966,440
Exhibit 4149	Virgin Digital Shuts Down, Sept. 24, 2007
Exhibit 4150	AOL, Now Focused on Free, Sells Its Paid Music Service, Jan.13, 2007.
Exhibit 4151	Walmart Closing Online Music Store, Aug. 10, 2011
Exhibit 4152	iTunes' Success Revolutionizes Music Business
Exhibit 4153	iTunes Music Store Sells Over One Million Songs in First Week,

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