# UNITED STATES PATENT AND TRADEMARK OFFICE

## BEFORE THE PATENT TRIAL AND APPEAL BOARD

### APPLE INC.

### Petitioner

v.

SIGHTSOUND TECHNOLOGIES, LLC Patent Owner

> Case CBM2013-00020 Patent 5,191,573

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

### PETITIONER'S UPDATED EXHIBIT LIST - MAY 27, 2014

| EXHIBIT LIST |  |  |
|--------------|--|--|
| 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,<br>SightSound Techs., LLC v. Apple Inc., No. 11-1292 (W.D. Pa.)         |  |
| Exhibit 4105 | Deposition of Scott Sander, dated Dec. 18-19, 2012, SightSound<br>Techs., LLC v. Apple Inc., No. 11-1292 (W.D. Pa.)                |  |
| Exhibit 4106 | "Joint Telerecording Push: CompuSonics, AT&T Link," Billboard<br>(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 |  |

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| EXHIBIT LIS  | ST  |
|--------------|---|
| 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<br>System"   |
| Exhibit 4113 | 7/16/84 CompuSonics Letter from David Schwartz to Shareholders  |
| Exhibit 4114 | Hyun Heinz Sohn, "A High Speed Telecommunications Interface<br>for Digital Audio Transmission and Reception," presented at the<br>76th AES Convention, October 8-11, 1984 |
| Exhibit 4115 | 10/10/85 CompuSonics Letter from David Schwartz to<br>Shareholders  |
| Exhibit 4116 | CompuSonics Video Application Notes – CSX Digital Signal<br>Processing (1986)   |
| Exhibit 4117 | Image titled, "CompuSonics Digital Audio Software Production/<br>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," Keyboard Magazine (March 1987)  |

| EXHIBIT LIS  | EXHIBIT LIST  |  |  |
|--------------|---|--|--|
| Exhibit 4125 | "Inside Macintosh," Volumes I, II, and III, Addison-Wesley<br>Publishing Company, Inc. (1985)   |  |  |
| Exhibit 4126 | Craig Partridge, "The Technical Development of Internet Email,"<br>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<br>Covered Business Method Patent Review  |  |  |
| Exhibit 4133 | Declaration of David Schwartz In Support of Petition for Covered<br>Business Method Patent Review   |  |  |
| Exhibit 4134 | 41/19/12 Special Master's Report and Recommendation on Claim<br>Construction (D.I. 142), <i>SightSound Techs., LLC v. Apple Inc.</i> , No. 11-<br>1292 (W.D. Pa.) |  |  |
| Exhibit 4135 | 2/13/13 Order re Claim Construction (D.I. 175), SightSound Techs.,<br>LLC v. Apple Inc., No. 11-1292 (W.D. Pa.)   |  |  |
| Exhibit 4136 | United States Patent No. 5,675,734 File History   |  |  |
| Exhibit 4137 | Excerpt from Chambers Science and Technology Dictionary (1988)  |  |  |
| Exhibit 4138 | Excerpt from Webster's II New Riverside University Dictionary (1988)  |  |  |
| Exhibit 4139 | Declaration of Dr. John P.J. Kelly, dated Sept. 7, 2012   |  |  |
| Exhibit 4140 | New Telerecording Method for Audio, Broadcast<br>Management/Engineering, pp. 14-15, Oct. 1985   |  |  |
| Exhibit 4141 | 4/20/01 Markman Hearing Transcript, SightSound.com Inc., v. N2K,<br>Inc., et al., No. 98-118 (W.D. Pa.)   |  |  |
| Exhibit 4142 | Plaintiff SightSound Techs., LLC's Expert Report of Dr. J. Douglas<br>Tygar Regarding Infringement, dated April 22, 2013  |  |  |

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| EXHIBIT LIST |  |  |
|--------------|--|--|
| Exhibit 4143 | Declaration of Flora D. Elias-Mique In Support of Petition for<br>Covered Business Method Patent Review                  |  |
| Exhibit 4144 | Declaration of Ching-Lee Fukuda In Support of Petition for<br>Covered Business Method Patent Review                      |  |
| Exhibit 4145 | Declaration of Roberto J. Gonzalez In Support of Petition for<br>Covered Business Method Patent Review                   |  |
| Exhibit 4146 | Declaration of Megan F. Raymond In Support of Petition for<br>Covered Business Method Patent Review                      |  |
| Exhibit 4147 | Transcription of Audio, Excerpts of CompuSonics Lecture<br>(Lecture at Stanford by D. Schwartz and J. Stautner, 1987     |  |
| Exhibit 4148 | Expert Report of Dr. John P. J. Kelly Regarding Non-Infringement<br>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 | I'Tunes' Success Revolutionizes Music Business   |  |
| Exhibit 4153 | iTunes Music Store Sells Over One Million Songs in First Week,<br>May 5, 2003  |  |
| Exhibit 4154 | April 26, 2013 Email S. Callagy to D. Cohen  |  |
| Exhibit 4155 | Declaration of Arthur Rangel   |  |
| Exhibit 4156 | Declaration of Megan F. Raymond  |  |
| Exhibit 4157 | Private Placement Memorandum, April 27, 1999, SightSound.com   |  |
| Exhibit 4158 | Two Year Expansion Plan for Virtual Records  |  |
| Exhibit 4159 | SightSound Technologies Confidential Offering Memorandum,<br>Allen & Company LLC   |  |
| Exhibit 4160 | April 12, 2000 Memorandum from Alex Lepore to Files Re:<br>Company Stock Valuation                                       |  |
| Exhibit 4161 | Business Plan for Digital Sight/Sound, Inc.  |  |

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| EXHIBIT LIST |   |  |
|--------------|---|--|
| Exhibit 4162 | November 30, 1993 Letter from Ansel M. Schwartz to Arthur Hair  |  |
| Exhibit 4163 | Prospectus, Digital Sight/Sound (August 15, 1997)   |  |
| Exhibit 4164 | Now showing at a computer near you, News Tribune (May 28, 2000)   |  |
| Exhibit 4165 | Deposition Transcript of John Snell in Apple Inc. v. SightSound<br>Technologies, LLC, Nos. CBM 2013-00020, -0023, March 6, 2014           |  |
| Exhibit 4166 | Redacted Version of Plaintiff SightSound Technologies, LLC's<br>Expert Report of John Snell On Validity, 6/5/13                           |  |
| Exhibit 4167 | Exhibit 9 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014  |  |
| Exhibit 4168 | Exhibit 10 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4169 | Exhibit 11 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4170 | Exhibit 12 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4171 | Exhibit 13 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4172 | Exhibit 14 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4173 | Exhibit 15 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4174 | Exhibit 16 of the Deposition of John Snell in Apple Inc. v.<br>SightSound Technologies, LLC, Nos. CBM 2013-00020, -0023,<br>March 6, 2014 |  |
| Exhibit 4175 | Robin Raskin, Telecomputing: Shopping in Electronic Stores: Sick<br>of Crowds? Tied Up At Work? Want to Compare Prices? Go                |  |

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