

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Hair	§	Attorney Docket No.:
United States Patent No.: 5,191,573	§	104677-5005-802
Formerly Application No.: 586,391	§	Customer No. 28120
Issue Date: March 2, 1993	§	
Filing Date: September 18, 1990	§	Petitioner: Apple Inc.
Former Group Art Unit: 369	§	
Former Examiner: Hoa Nguyen	§	

For: Method for Transmitting a Desired Digital Video or Audio Signal

MAIL STOP PATENT BOARD  
Patent Trial and Appeal Board  
United States Patent and Trademark Office  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

**DECLARATION OF DAVID M. SCHWARTZ IN SUPPORT OF  
PETITION FOR COVERED BUSINESS METHOD PATENT REVIEW OF  
UNITED STATES PATENT NO. 5,191,573  
PURSUANT TO 35 U.S.C. § 321, 37 C.F.R. § 42.304**

I, David M. Schwartz, declare as follows:

1. I founded CompuSonics Corp. in 1982, originally as CompuSound, Inc. The company name was changed to CompuSonics in 1984. I served as the President of CompuSonics Corp. from 1982 until 1989. I co-founded CompuSonics Video Corp. in 1986. I will refer here to CompuSonics Corp. and CompuSonics Video Corp. as “CompuSonics.”

2. I provide this Declaration in connection with the above-identified Covered Business Method Patent Review proceeding that is being requested at the United States Patent and Trademark Office by Apple Inc. under 35 U.S.C. § 321, 37 C.F.R. § 42.304. Unless otherwise stated, the facts stated in this Declaration are based on my personal knowledge.

3. I am being compensated by Apple Inc. for time spent in connection with factual research/investigation at a rate of \$400/hr. This compensation is not in any way contingent on the outcome of this proceeding.

4. While at CompuSonics, I and others developed what I refer to here as “the CompuSonics system.” The CompuSonics system, among other technologies, included digital recorder/players, which CompuSonics referred to as DSPs. DSP stood for Digital Signal Processors. Among other functionality, including playback of stored digital data, these digital recorder/players could download digital data from a remote source to a local disk. We called this technology “Telerecording.”

5. Each of Exhibits 1106, 1107, 1108, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1131, and 1140 is a public disclosure of features of the CompuSonics system, as outlined below. These exhibits individually and collectively describe functionality and application of the CompuSonics system.

6. Exhibit 1106 hereto, “Joint Telerecording Push: CompuSonics, AT&T Link,” *Billboard* (Oct. 5, 1985), is a public disclosure of features of the CompuSonics system.

7. Exhibit 1107 hereto, David Needle, “From the News Desk: Audio/digital interface for the IBM PC?,” *InfoWorld*, vol. 6, no. 23, p. 9, June 4, 1984, , is a public disclosure of features of the CompuSonics system.

8. Exhibit 1108 hereto, Larry Israelite, “Home Computing: Scenarios for Success,” *Billboard*, Dec. 15, 1984, is a public disclosure of features of the CompuSonics system.

9. Exhibit 1112 hereto is a true and correct copy of a diagram, entitled that I created illustrating CompuSonics’ telerecording technology, dated 1985 and entitled “CompuSonics Digital Audio Telecommunication System.” This diagram was shown to the public via presentation at businesses, conferences, lectures, and industry events. Page numbers and an exhibit label have been added to this document but no other alterations have been made. Exhibit 1112 is a public disclosure of features of the CompuSonics system.

10. Exhibit 1113 hereto is a true and correct copy of a letter dated July 16, 1984, authored by and sent to the Shareholders of CompuSonics by me, David M. Schwartz. This document bears identification numbers at the bottom right corner of each page. Page numbers and an exhibit label have been added to this document but no other alterations, other than the aforementioned numbers, have been made. Exhibit 1113 is a public disclosure of features of the CompuSonics system.

11. Exhibit 1114 hereto, Hyun Heinz Sohn, "A High Speed Telecommunications Interface for Digital Audio Transmission and Reception," presented at the 76th AES Convention, October 8-11, 1984, is a public disclosure of features of the CompuSonics system. Mr. Sohn was an employee of CompuSonics, and I supervised his preparation of this paper.

12. Exhibit 1115 hereto is a true and correct copy of a letter dated October 10, 1985, authored by and sent to the Shareholders of CompuSonics by me, David M. Schwartz. This document bears identification numbers at the bottom right corner of each page. Page numbers and an exhibit label have been added to this document but no other alterations, other than the aforementioned numbers, have been made. Exhibit 1115 is a public disclosure of features of the CompuSonics system.

13. Exhibit 1116 hereto is a true and correct copy of a document entitled, "CompuSonics Video Application Notes," copyrighted 1986 by CompuSonics. I recognize this document as CompuSonics marketing materials that were distributed

and made publically available by CompuSonics to current and potential customers and current and potential shareholders in 1986 and 1987. This document bears identification numbers at the bottom right corner of each page. Page numbers and an exhibit label have been added to this document but no other alterations, other than the aforementioned numbers, have been made. Exhibit 1116 is a public disclosure of features of the CompuSonics system.

14. Exhibit 1117 hereto is a true and correct copy of a diagram, entitled “Digital Audio Software Production/Distribution,” which I created. This diagram was shown to the public via presentation at businesses, conferences, lectures, and industry events. As one example, I presented this diagram during a lecture at Stanford University in 1987 with John Stautner, excerpts of which are referenced in this Declaration as Exhibit 1120. Page numbers and an exhibit label have been added to this document but no other alterations have been made. Exhibit 1117 is a public disclosure of features of the CompuSonics system.

15. Exhibit 1120, Parts 1-11, hereto is a true and correct copy of excerpts from a video of a lecture that I gave at Stanford University in 1987 with John Stautner. I prepared the excerpts in this Exhibit, Parts 1-10, from the complete video recording of the aforementioned lecture, which I can make available to the United States Patent & Trademark Office upon request. The excerpt in this Exhibit, Part 11, has been prepared at my request. I can make the complete video recording of the

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