

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.

Petitioners

v.

PERSONALIZED MEDIA COMMUNICATIONS LLC

Patent Owner

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Case No.: IPR2016-01520

Patent No.: 8,559,635

For: Signal Processing Apparatus and Methods

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**DECLARATION OF ALFRED WEAVER, PH.D.**

**PURSUANT TO 37 C.F.R. § 1.68**

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**Mail Stop PATENT BOARD**  
Patent Trial and Appeal Board  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

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## Table of Contents

	<u>Page</u>
<b>I. Qualifications &amp; Engagement.....</b>	<b>1</b>
<b>II. Materials Reviewed and Relied upon .....</b>	<b>7</b>
<b>III. Summary of Conclusions .....</b>	<b>8</b>
<b>IV. Legal Standards .....</b>	<b>10</b>
A. Anticipation .....	10
B. Obviousness.....	10
C. Claim Construction .....	13
D. Applicability of Claim Construction to Priority and Validity .....	14
E. Persons of Ordinary Skill in the Art.....	15
<b>V. Background Technology of the '635 Patent .....</b>	<b>15</b>
<b>VI. Claim Construction .....</b>	<b>17</b>
A. “decrypting” terms .....	17
(a) The '490 Patent and '635 Patent Specifications Distinguish Decrypting from Descrambling .....	20
(b) The Applicants Disclaimed Descrambling from the Ambit of “Decrypting” During Prosecution of the Application Leading to the '635 Patent .....	24
(c) The Applicants Disclaimed Decrypting from Descrambling During Other Proceedings Including Reexamination .....	26
(d) In 1981, A POSITA Understood Decrypting to be Distinct from Descrambling.....	27

(e)	Tribunals Including The BPAI and District Courts Have Construed Decrypting to Exclude Descrambling .....	28
(f)	Petitioner’s Expert Agrees that Decrypting is Different from Descrambling .....	30
(g)	The Paragraph that the Board Relies Upon Does Not Describe Decrypting as the same as Descrambling .....	33
(h)	The District Court, Having Reviewed The Very Same Paragraph That The Board Cites To, Rejected Petitioner’s Argument And Found Decrypting To Be Distinct From Descrambling .....	35
B.	“receiving an encrypted digital information transmission ... unaccompanied by any non-digital information transmission” .....	37
C.	“executable instructions” .....	40
D.	“processor” .....	41
<b>VII.</b>	<b>Each of the Challenged Claims of the ’635 Patent is Entitled to the November 3, 1981 Priority Date .....</b>	<b>48</b>
A.	Overview of Exemplary Relevant Embodiments in the November 3, 1981 Patent Application (“the ’490 Patent”) .....	52
B.	Claim 3 .....	57
(a)	“programming” .....	61
(b)	“communicating said control signal to said remote transmitter station.” .....	71
C.	Claims 4 and 7 .....	73
D.	Claim 13 .....	79
(a)	“executable instructions” .....	83
E.	Claims 18, 20, 32 and 33 .....	89

(a)	“receiving at least one encrypted digital information transmission, wherein the at least one encrypted digital information transmission is unaccompanied by any non-digital information transmission,” .....	90
(b)	“Code” and “Downloadable Code” .....	105
(c)	The ’490 Patent Provides Written Description Support For The Remaining Limitations Of Claims 18, 20, 32 And 33.....	108

**VIII. The Challenged Claims are Patentable Over the Prior Art.....121**

A.	Claim 3 Is Patentable over Campbell.....	121
(a)	Campbell Does Not Qualify As Prior Art.....	122
(b)	“receiving at said remote transmitter station one or more second instruct signals which operate at the subscriber station to identify and decrypt said unit of programming or said one or more first instruct signals, said remote transmitter station transferring said one or more second instruct signals to said transmitter” .....	124
(c)	“receiving a control signal which operates at the remote transmitter station to control the communication of a unit of programming and one or more first instruct signals and communicating said control signal to said remote transmitter station” .....	126
(d)	“receiving a code or datum identifying a unit of programming to be transmitted by the remote transmitter station, said remote transmitter station transferring said unit of programming to a transmitter” .....	128
B.	Claims 4 and 7 Are Patentable over Seth-Smith.....	137
(a)	Seth-Smith Does Not Qualify As Prior Art .....	137
(b)	Claim 4.....	138

(c)	Claim 7 .....	141
C.	Claim 33 is Patentable over Chandra in view of Nachbar .....	141
(a)	Chandra and Nachbar Do Not Qualify As Prior Art.....	143
(b)	Chandra, in view of Nachbar, fails to teach or suggest every limitation of Claim 33 .....	144
D.	Claims 13, 18, 20, 32 Are Patentable over Chandra .....	152
(a)	Chandra Does Not Qualify As Prior Art.....	152
(b)	Claim 18.....	153
(c)	Claim 20.....	156
(d)	Claim 32.....	156
(e)	Claim 13.....	157
<b>IX.</b>	<b>Secondary Considerations Confirm The Non-Obviousness Of The Inventions .....</b>	<b>160</b>
<b>X.</b>	<b>CONCLUSION .....</b>	<b>160</b>

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