UNITED STATE	S PATENT AN	ND TRADE	MARK OFF	(CE
BEFORE THE I	PATENT TRIA	L AND API	PEAL BOAR	KD

APPLE INC., Petitioner

v.

ONE-E-WAY, INC., Patent Owner

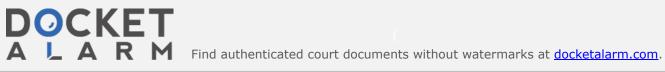
Case No. IPR2021-00283 U.S. Patent No. 8,131,391 B2 Issue Date: March 6, 2012

Title: Wireless Digital Audio Music System

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,131,391 B2



			Page		
I.	MANDATORY NOTICES UNDER §42.8(A)(1)				
	A.	Real Party-In-Interest under §42.8.(b)(1)			
	В.	Related Matters under §42.8(b)(2)			
	C.	Lead and Back-Up Counsel under §42.8(b)(3)			
	D.	Service Information	4		
II.	FEE	E PAYMENT			
III.		QUIREMENTS UNDER §§ 42.104 AND 42.108 AND NSIDERATIONS UNDER §§ 314(A) AND 325(D)	4		
	A.	Grounds for Standing	4		
	В.	Identification of Challenge and Statement of Precise Relief Requested			
	C.	§314(a)	5		
	D.	§325(d)	7		
IV.	LEV	/EL OF ORDINARY SKILL			
V.	CLA	AIM CONSTRUCTION			
VI.	THE	E CHALLENGED CLAIMS ARE UNPATENTABLE	9		
	A.	Summary and Date Qualification of the Prior Art	10		
		1. Ham [EX 1010]	10		
		2. Sklar [EX1003]	13		
		3. Xia [EX1011]	14		
		4. Groe [EX1009]	15		
		5. Haartsen [EX1005]	15		
	B.	Claim 4	16		
		1 Ground 1 (Ham. Sklar. Xia. Groe)	17		



(continued)

P	a	g	e
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(a)	4(pre): "A portable wireless digital audio system for digital transmission of an original audio signal representation from a portable audio player to a digital audio receiver, said portable wireless digital audio system comprising:"
(b)	4(a): "a digital audio transmitter operatively coupled to said audio player and transmitting a unique user code with said original audio signal representation in packet format, wherein said digital audio transmitter coupled to said audio player is capable of being moved in any direction during operation, said digital audio transmitter comprising:"
(c)	4(b): "an encoder operative to encode said original audio signal representation to reduce intersymbol interference;"
(d)	4(c): "a digital modulator module configured for independent code division multiple access (CDMA) communication operation and utilizing differential phase shift keying (DPSK) to modulate said original audio signal representation;"
(e)	4(d): "said digital audio receiver capable of being moved in any direction during operation and in direct wireless communication with said digital audio transmitter, said digital audio receiver comprising:"



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(g) 4(f): "a digital demodulator configured for independent CDMA communication operation;"			(f)	4(e): "a direct conversion module configured to capture packets and the correct bit sequence within the packets aided by lowering signal detection error through reduced intersymbol interference coding of said audio representation signal respective to said mobile digital audio receiver and mobile said digital audio transmitter operatively coupled to said audio player, said packets embedded in the received spread spectrum signal, the captured packets corresponding to the unique user code;"	47
reduced inter-symbol interference coding of said original audio signal representation;"			(g)	• • • • • • • • • • • • • • • • • • • •	54
audio output of said original audio signal representation; and"			(h)	reduced inter-symbol interference coding of said	55
generated audio output, said audio having been wirelessly transmitted from said audio player virtually free from interference from device transmitted signals operating in the wireless digital audio system spectrum."			(i)	audio output of said original audio signal	56
2. Ground 2 (Ham, Sklar, Xia, Groe, Haartsen)			(j)	generated audio output, said audio having been wirelessly transmitted from said audio player virtually free from interference from device transmitted signals operating in the wireless digital	57
C. Claim 1 (Grounds 1-2)		2.	Groui		
comprising:"	C.	Claim			
receiver;"			(a)	• •	68
(d) 1(c): "a digital demodulator;"69			(b)		68
· · · · · · · ·			(c)	1(b): "a direct conversion module;"	69
-111-			(d)	1(c): "a digital demodulator;"	69



(continued)

Page

	(e)	1(d) "a decoder;"	69
	(f)	1(e): "a digital-to-analog converter; and"	70
	(g)	1(f): "a module adapted to reproduce said generated audio output"	70
D.	Claim 3 (G	Frounds 1-2)	70
E.	Claim 5 (G	Frounds 1-2)	70
	(a)	5(pre): "A wireless digital audio receiver comprising:"	70
	(b)	5(a): "a direct conversion module;"	71
	(c)	5(b): "a digital demodulator;"	71
	(d)	5(c): "a decoder;"	71
	(e)	5(d): "a digital-to-analog converter; and"	71
	(f)	5(e): "a module adapted to reproduce said generated audio output"	71
F.	Claim 6 (G	Frounds 1-2)	72
	(a)	6(pre): "A wireless digital audio headphone comprising:"	72
	(b)	6(a): "a mobile digital audio receiver;"	72
	(c)	6(b): "a direct conversion module;"	72
	(d)	6(c): "a digital demodulator module;"	72
	(e)	6(d): "a decoder; and"	73
	(f)	6(e): "a digital-to-analog converter; and"	73
	(g)	6(f): "a module adapted to reproduce said generated audio output"	73
G.	Claim 10 (Grounds 1-2)	73
	(a)	10(pre): "A wireless digital audio headphone comprising:"	73
	(b)	10(a): "a mobile digital audio receiver;"	73

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