UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE, INC. AND MOTOROLA MOBILITY, LLC

Petitioners

v.

GLOBAL TOUCH SOLUTIONS, LLC

Patent Owner

Patent No. 8,288,952

Issued: Oct. 16, 2012

Filed: Nov. 17, 2011

Inventor: Frederick Johannes Bruwer

Title: INTELLIGENT USER INTERFACE INCLUDING A TOUCH

SENSOR DEVICE

Inter Partes Review No.: IPR2015-01175

PATENT OWNER'S RESPONSE



TABLE OF CONTENTS

TAB	LE OF	CONTENTS		
TAB	LE OF	AUTHORITIESIV		
STA	ГЕМЕ	NT OF MATERIAL FACTS IN DISPUTEVI		
EXH	IBIT L	JISTVII		
I.	STATEMENT OF RELIEF REQUESTED			
II.	INTRODUCTION3			
III.	TESTIMONY OF PETITIONERS' EXPERT8			
IV.	THE	LAW11		
	A.	CLAIM CONSTRUCTION		
	B.	OBVIOUSNESS13		
V.	CLAIM CONSTRUCTION12			
	A.	"USER INTERFACE" (CLAIMS 1 AND 26)15		
	B.	"ENERGY CONSUMING LOAD" (CLAIMS 1 AND 26)16		
	C.	"TOUCH SENSOR FUNCTIONS" (CLAIM 1) AND "TOUCH SENSING FUNCTIONS" (CLAIM 26)		
	D.	"SELECTION AND ACTIVATION OF A FUNCTION OR MODE OF THE PRODUCT IN RESPONSE TO A FURTHER ACTIVATION SIGNAL(S) RECEIVED FROM THE USER INTERFACE" (CLAIM 2)		
	E.	"A FUNCTION THAT WAS ACTIVATED IN RESPONSE TO AN ACTIVATION SIGNAL RECEIVED FROM SAID USER INTERFACE" (CLAIMS 3 AND 24)		
	F.	"PRODUCT FUNCTIONS" (CLAIM 22)29		



VI.	BEA	RD IN VIEW OF RATHMANN DOES NOT RENDER CLAIMS 1-3,
	16, 1	7, 19, 22-24, 26, 27, AND 38-40 OBVIOUS30
	A.	BEARD IN VIEW OF RATHMANN DOES NOT DISCLOSE "A
	11.	PRODUCT COMPRISING A POWER SOURCE, OR A
		CONNECTION FOR A POWER SOURCE, AND AT LEAST ONE
		ENERGY CONSUMING LOAD" (CLAIMS 1-3, 16, 17, 19, 22-24,
		26, 27, AND 38-40)
	В.	BEARD IN VIEW OF RATHMANN DOES NOT DISCLOSE THE
	ъ.	"MICROCHIP AT LEAST PARTIALLY IMPLEMENTING THE
		TOUCH SENSOR FUNCTIONS" (CLAIM 1) OR THE
		"MICROCHIP AT LEAST PARTIALLY IMPLEMENTING THE
		TOUCH SENSING FUNCTIONS" (CLAIM 26) (CLAIMS 1-3, 16,
		17, 19, 22-24, 26, 27, AND 38-40)
	C.	BEARD IN VIEW OF RATHMANN DOES NOT DISCLOSE
	C.	"SELECTION AND ACTIVATION OF A FUNCTION OR MODE
		OF THE PRODUCT IN RESPONSE TO A FURTHER
		ACTIVATION SIGNAL(S) RECEIVED FROM THE USER
		INTERFACE" (CLAIM 2)
		II (I DI U I I DI U I I I I I I I I I I I I
	D.	BEARD IN VIEW OF RATHMANN DOES NOT DISCLOSE
		"AUTOMATICALLY DEACTIVATING A FUNCTION THAT
		WAS ACTIVATED IN RESPONSE TO AN ACTIVATION
		SIGNAL RECEIVED FROM SAID USER INTERFACE, A
		PREDETERMINED PERIOD OF TIME AFTER IT WAS
		ACTIVATED" (CLAIMS 3 AND 24)50
	E.	BEARD IN VIEW OF RATHMANN DOES NOT DISCLOSE
		"WHEREIN THE POWER SOURCE IS ENCLOSED IN THE
		PRODUCT HOUSING" (CLAIM 19)51
	F.	BEARD IN VIEW OF RATHMANN DOES NOT DISCLOSE
		"ACTIVATING OR DEACTIVATING PRODUCT FUNCTIONS IN
		RESPONSE TO SIGNALS RECEIVED FROM THE USER
		INTERFACE" (CLAIM 22)
VII.	BEA	RD IN VIEW OF RATHMANN AND DANIELSON DOES NOT
-		DER CLAIMS 4 AND 14 OBVIOUS56



	A.	BEARD IN VIEW OF RATHMANN AND DANIELSON DOES	
		NOT CURE THE ABOVE-DESCRIBED DEFICIENCIES OF	
		BEARD IN VIEW OF RATHMANN (CLAIMS 4 AND 14)	56
VIII.	CON	CLUSION	57



TABLE OF AUTHORITIES

Cases

Alloc, Inc. v. USITC, 342 F.3d 1361 (Fed. Cir. 2003)
Becton, Dickinson and Co. v. Tyco Healthcare Group, LP, 616 F.3d 1249 (Fed. Cir. 2009)25
Bicon, Inc. v. Straumann Co., 441 F.3d 945 (Fed.Cir.2006)
CAE Screenplates Inc. v. Heirich Fiedler GmbH & Co. KG, 224 F.3d 1308 (Fed. Cir. 2000)25
Chicago Bd. Options Exch., Inc. v. Int'l Sec. Exch., LLC, 677 F.3d 1361 (Fed. Cir. 2012)
Digital-Vending Servs. Int'l, LLC v. Univ. of Phoenix, Inc., 672 F.3d 1270 (Fed. Cir. 2012)28
Gaus v. Conair Corp., 363 F.3d 1284 (Fed. Cir. 2004)25
Graham v. John Deere Co., 383 U.S. 1 (1966)13
Hockerson-Halberstadt v. Converse Inc., 183 F.3d 1369 (Fed. Cir. 1999)27
In re Kahn, 441 F.3d 977 (Fed. Cir. 2006)
In re NTP, Inc., 654 F.3d 1279 (Fed.Cir.2011)
In re Suitco Surface, Inc., 603 F.3d 1255 (Fed.Cir. 2010)
Interconnect Planning Corp. v. Feil, 774 F.2d 1132, 227 USPQ 543 (Fed. Cir. 1985)
KSR Int'l Co. v. Teleflex Inc., 550 U.S. 398 (2007)
Markman v. Westview Instruments, Inc., 52 F.3d 967 (Fed. Cir. 1995) (en banc).11
Medtronic, Inc., et al. v. Troy R. Norred, M.D., Case IPR2014-00110 at Paper No. 23 (PTAB, October 8, 2014)
Microsoft Corp. v. Multi-Tech Sys., Inc., 357 F.3d 1340 (Fed.Cir.2004)12
Microsoft Corp. v. Proxyconn, Inc., 789 F.3d 1292 (Fed. Cir. 2015)11



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