(19) World Intellectual Property Organization

International Bureau



) | 1881 | 1888 | 1888 | 1888 | 1888 | 1888 | 1881 | 1881 | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 | 1888 |

(43) International Publication Date 20 October 2005 (20.10.2005)

PCT

(10) International Publication Number WO 2005/098516 A3

(51) International Patent Classification: *C08F 279/00* (2006.01)

(21) International Application Number:

PCT/US2005/011253

(22) International Filing Date: 4 April 2005 (04.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/559,781 5 April 2004 (05.04.2004) US

(71) Applicants and

(72) Inventors: VESELY, Michael, A. [US/US]; 617 41st Avenue, Santa Cruz, CA 95062 (US). CLEMENS, Nancy [US/US]; 617 41st Avenue, Santa Cruz, CA 95062 (US).

(74) Agent: NGUYEN, Tue; 496 Olive Avenue, Fremont, CA 94539 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,

MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 27 July 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HORIZONTAL PERSPECTIVE HAND-ON SIMULATOR

(57) Abstract: Thus the present invention discloses a hands-on simulator system using horizontal perspective display. The hands-on simulator system comprises a real time electronic display that can project horizontal perspective images into the open space and a peripheral device that allow the end user to manipulate the images with hands or hand-held tools.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/11253

A. CLASSIFICATION OF SUBJECT MATTER IPC: C08F 279/00(2006.01)				
USPC: 525/313 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 525/313				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a		Relevant to claim No.	
Y	US 5,795,154 A (WOODS) 18 August 1998, see fig.2, col. 3, lines 8-23, col. 2, lines 24-36, col. 10, lines 33-44. US 5,287,437 A (DEERING) 15 February 1994, see col. 6, lines 1-4, col. 7, lines 10-21, col. 5, lines 15-26, col. 1, lines 6-12,col. 9, lines 1-6, col. 14, lines 28-39, col. 5, line 25, col. 1, lines 6-12, col. 7, lines 25-31, col. 9, lines 7-14, see fig.1, col. 5, lines 15-17, col. 5, lines 25-26, col 4, lines 43-45, fig. 8, col. 4, lines 46-50, col. 14, 19-27.			
Further documents are listed in the continuation of Box C.		See patent family annex. "T" later document published after the inte	4: 16: 14	
•	pecial categories of cited documents; defining the general state of the art which is not considered to be of relevance	date and not in conflict with the applic principle or theory underlying the inver	ation but cited to understand the ntion	
"E" earlier app	olication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be consider		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being		
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		obvious to a person skilled in the art "&" document member of the same patent family		
Date of the ac	ctual completion of the international search	Date of mailing of the international search	ch report	
02 May 2006 (02.05.2006)		U2 JUN 2006		
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Krynski William /eas Properties Authorized officer Telephone No. 571-272-1024	1 1/2	

	International application No.
INTERNATIONAL SEARCH REPORT	PCT/US05/11253
Continuation of B. FIELDS SEARCHED Item 3:	
US-PGPU; USPAT;USOCR; EPO; JPO; IBM_TDB; DERWENT	
same,three,	
dimension, perspective, projection, horizontal, eye, point, display, image, tracks, detect, h	olograph,disney,zimmerman,window,mark,view,roller
coaster,train	
	·