${\bf (19)}\ World\ Intellectual\ Property\ Organization$

International Bureau





(43) International Publication Date 18 May 2007 (18.05.2007) (10) International Publication Number WO 2007/056476 A3

(51) International Patent Classification: G06F 12/14 (2006.01) H04L 9/32 (2006.01) G06K 19/073 (2006.01)

(21) International Application Number:

PCT/US2006/043541

(22) International Filing Date:

9 November 2006 (09.11.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/734,793

9 November 2005 (09.11.2005) US

(71) Applicant (for all designated States except US): ELECTRONIC PLASTICS, LLC [US/US]; 10161 PARK RUN DRIVE, SUITE 150, Las Vegas, NV 89145 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CARPER, Todd [US/US]; 2269 CHESTNUT STREET, #304, San Francisco, CA 94123 (US).

(74) Agents: BADER, Martin, R. et al.; PAUL, HASTINGS, JANOFSKY & WALKER, LLP, P.O. BOX 919092, San Diego, CA 92191-9092 (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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

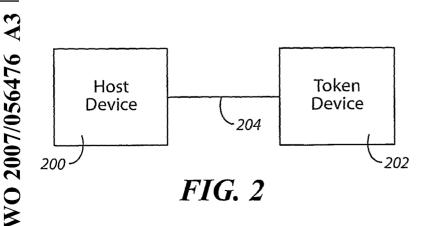
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, 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).

Published:

with international search report

(88) Date of publication of the international search report: 23 April 2009

(54) Title: DEVICE PROVIDING A SECURE WORK ENVIRONMENT AND UTILIZING A VIRTUAL INTERFACE



(57) Abstract: A system, in accordance with one embodiment, comprising a host device (200) including a display, the host device running a client application; and a token device (202) coupled to the host device through an interface (204), the token device including a processor (104) for running a token device application, the token device application providing image information over the interface to the client application running on the host device, the client application displaying an image on the display of the host device corresponding to the image information provided from the token device.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/43541

A CT A	COLETO A TION OF OUR WORLD				
A. CLASSIFICATION OF SUBJECT MATTER					
IPC:	IPC: G06F 12/14(2006.01);G06K 19/073(2006.01)				
	H04L 9/32(2006.01)				
USPC:	726/20,9;705/65				
According to	International Patent Classification (IPC) or to both na	tional classification and IPC			
	` ,				
\cdot					
B. FIEL	DS SEARCHED				
Minimum do	cumentation searched (classification system followed I	au alaggification graphala)			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 726/20,9; 705/65					
0.3 72	0.3 720/20,5, 703/03				
Documentati	on searched other than minimum documentation to the	autant that much do sum auta are in 1, 1, 1, 1	4-6-11-1-1		
Documentati	on 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)					
Planca Son C	ontinuation Sheet	e of data base and, where practicable, search	i terms used)		
i lease see Ci	Sittinuation Silect				
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document with indication where		Dalaman Ini N		
	Citation of document, with indication, where a	• •	Relevant to claim No.		
X	US 2002/0029254 A1 (Davis et al.) 07 March 2002 ((07.03.2002) All Figures and Paragraphs	1-2, 6-14, 16, 18-20		
	0005, 0009, 0017, 0036, 0045, 0048-0049, 0051, , 0	055-0056, 0063-0064, 0066			
Y			3-5, 15, 17		
			, -, -		
Y	US 2005/0033703 A (Holdsworth et al.) 10 Feb 2005	5 (10.02.2005) Entire Decument	4 15		
		5 (10.02.2005), Entire Document,	4, 15		
	Particularly Paragraph 0075				
Α	US 6,209,104 A (Jalili) 27 Mar 2001 (27.03.2001)		1-20		
Α	US 5,734,154 A (Jachimowicz et al.) 31 Mar 1998 (27.03.1998)	1-20		
	,				
					
Further	documents are listed in the continuation of Box C.	See patent family annex.			
• S	pecial categories of cited documents:	"T" later document published after the interm date and not in conflict with the applicat			
"A" document	defining the general state of the art which is not considered to be of	principle or theory underlying the invent			
particular	5 5	principle of allowing and arrown			
•		"X" document of particular relevance; the cla	aimed invention cannot be		
"E" earlier app	olication or patent published on or after the international filing date	considered novel or cannot be considere	d to involve an inventive step		
"L" document	which may throw doubts on priority claim(s) or which is cited to	when the document is taken alone			
	he publication date of another citation or other special reason (as	"Y" document of particular relevance; the cla	simed invention cannot be		
specified)	•	considered to involve an inventive step v			
•		with one or more other such documents,	such combination being		
"O" document referring to an oral disclosure, use, exhibition or other means		obvious to a person skilled in the art			
"P" document	published prior to the international filing date but later than the	"&" document member of the same patent far	mile. '		
	te claimed	a document member of the same patent lan	шиу		
Date of the actual completion of the international search Date of mailing of the international search report					
16 June 2008	(16.06.2008)	1 07 .iui 2008			
16 June 2008 (16.06.2008) Name and mailing address of the ISA/US Authorized officer					
		/ Manorizou Ottion			
Mail Stop PCT, Attn: ISA/US		Ayaz Sheikh			
Commissioner for Patents P.O. Box 1450		L'EDUMAH A. THUMAS			
Alexandria, Virginia 22313-1450		Telephone No. (703)305-3900 PARALE	3/4L SPECIALIST		
Facsimile No. (571) 273-3201					
1 desimile 110. (5/1) 2/3-3201					

	International application No.			
INTERNATIONAL SEARCH REPORT	PCT/US06/43541			
	•			
·				
·				
·				
Continuation of B. FIELDS SEARCHED Item 3:				
ACM, IEEE, Google Search terms: host application, smart card				
Scarch terms. nost approximit, smart out				
	•			