EXHIBIT D

(12) **United States Patent**
Hysek et al.

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(54) **WRISTWATCH WITH A TOUCH SCREEN AND METHOD FOR DISPLAYING ON A TOUCH-SCREEN WATCH**

(75) Inventors: **Jörg Hysek**, Monaco (MC); **Pascal Pozzo Di Borgo**, Montreux (CH)

(73) Assignee: **COMME LE TEMPS SA**, St-Prex (CH)

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Related U.S. Application Data

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(51) **Int. Cl.**
G04G 9/00 (2006.01)
G04G 21/08 (2010.01)
G06F 3/01 (2006.01)
G06F 3/0488 (2013.01)

(52) **U.S. Cl.**
CPC *G04G 21/08* (2013.01); *G04G 9/00* (2013.01); *G06F 3/017* (2013.01); *G06F 3/04883* (2013.01)

(58) **Field of Classification Search**
CPC G06F 3/017; G06F 3/04883; G04G 9/00; G04G 21/08

USPC 345/684; 368/10; 715/863, 864
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,434,591	A *	7/1995	Goto et al.	345/688
6,266,098	B1 *	7/2001	Cove	H04N 5/44543
				348/563
6,477,117	B1	11/2002	Narayanaswami et al.	
6,747,680	B1 *	6/2004	Igarashi et al.	715/784
6,967,903	B2	11/2005	Guanter	
7,031,228	B2	4/2006	Born et al.	
7,170,496	B2	1/2007	Middleton	
7,247,568	B2	7/2007	Grupp et al.	
7,751,285	B1 *	7/2010	Cain	368/82
2003/0123328	A1	7/2003	Guanter	
2004/0190380	A1	9/2004	Wojcieszak	
2005/0278757	A1	12/2005	Grossman et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

CH	627615	A	1/1982
EP	1394640	A1	3/2004

(Continued)

Primary Examiner — Eric J Bycer
(74) *Attorney, Agent, or Firm* — Blank Rome LLP

(57) **ABSTRACT**

Wristwatch (**1**) comprising: a digital matrix display (**4**); a two-dimensional sheet of touch-sensitive glass (**3**) provided with a plurality of electrodes (**10**, **11**, **12**) for detecting the movements of at least one finger along two different directions; a processing circuit laid out so as to interpret the signals from said electrodes and to scroll cards (**23**, **220-225**, **210-213**) on said display (**4**) in order to lastingly replace the initially displayed card (**23**) with another card; wherein the scrolling direction depends on the direction of said movement.

24 Claims, 6 Drawing Sheets
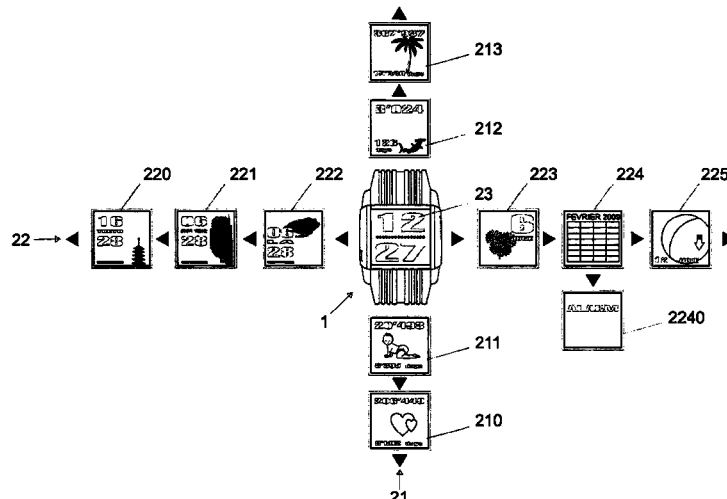
(56) **References Cited**

U.S. PATENT DOCUMENTS

2006/0026535	A1*	2/2006	Hotelling et al.	.... 715/863
2006/0092177	A1	5/2006	Blasko	
2006/0092770	A1*	5/2006	Demas	.... 368/223
2006/0190833	A1*	8/2006	SanGiovanni et al.	.... 715/767
2008/0168404	A1	7/2008	Ording	
2009/0007017	A1*	1/2009	Anzures	.... G06F 3/04883
				715/835
2009/0199130	A1*	8/2009	Tsern et al.	.... 715/810
2009/0199241	A1*	8/2009	Unger et al.	.... 725/41
2010/0095240	A1*	4/2010	Shiplacoff	.... G06F 3/0483
				715/784
2010/0156676	A1*	6/2010	Mooring et al.	.... 341/20

FOREIGN PATENT DOCUMENTS

EP	1544178	A1	6/2005
EP	1808751	A1	7/2007
JP	2003-215273		7/2003
JP	2009250741	A	10/2009
WO	WO-03/056397	A1	7/2003
WO	WO-2006/111481	A2	10/2006
WO	WO-2009/097592	A1	8/2009
WO	WO-2011/000893	A1	1/2011

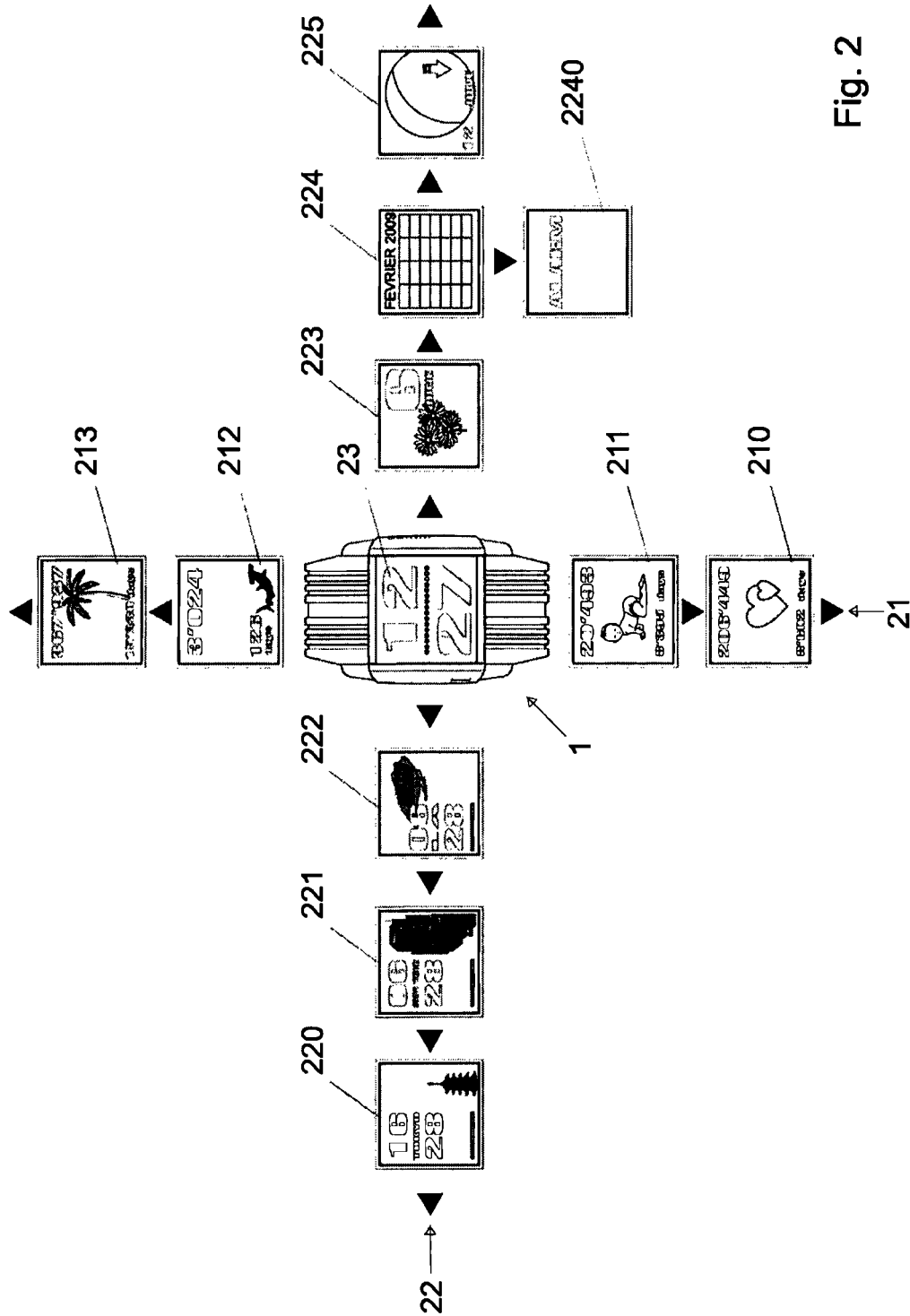* cited by examiner

Fig. 1A

Fig. 1B
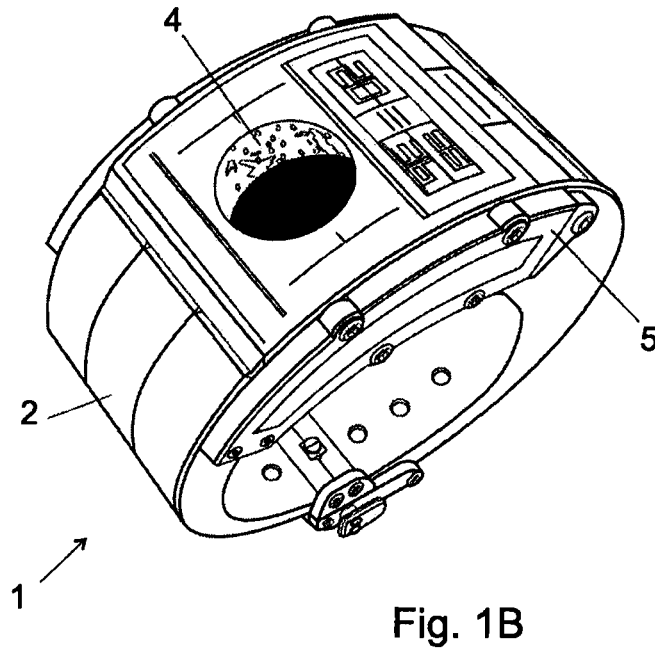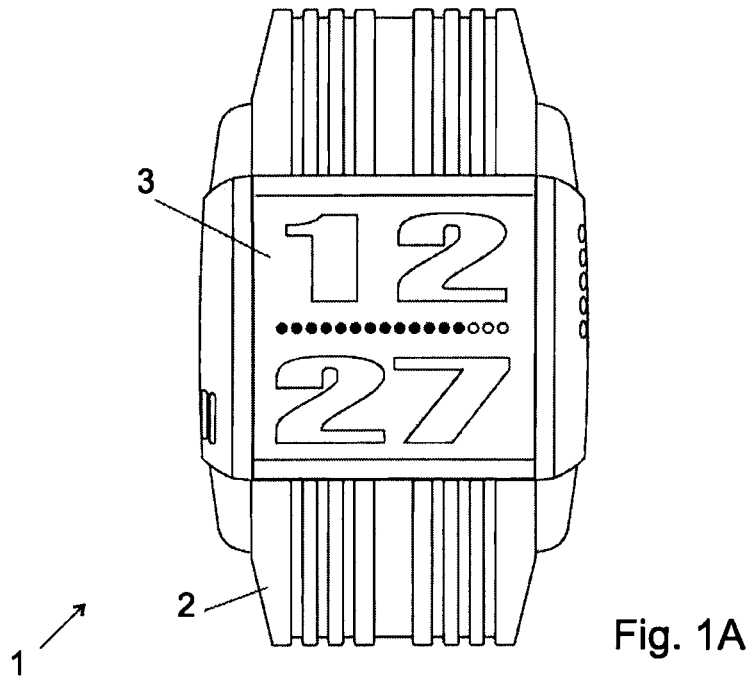
Fig. 2

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