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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/980,701	10/31/2007	Timothy R. Pryor	135873.136839-001	6653
24335	7590	10/18/2010	EXAMINER	
WARNER NORCROSS & JUDD LLP INTELLECTUAL PROPERTY GROUP 900 FIFTH THIRD CENTER 111 LYON STREET, N.W. GRAND RAPIDS, MI 49503-2487			ABDULSELAM, ABBAS I	
			ART UNIT	PAPER NUMBER
			2629	
			NOTIFICATION DATE	DELIVERY MODE
			10/18/2010	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 11/980,701	Applicant(s) PRYOR, TIMOTHY R.	
	Examiner ABBAS I. ABDULSELAM	Art Unit 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 15 June 2010.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 4-55 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 4-14 and 37-55 is/are allowed.
- 6) Claim(s) 15-24 and 34-36 is/are rejected.
- 7) Claim(s) 25-33 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Response to Arguments

1. Applicant's arguments, with respect to previous rejection(s) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Cragun (USPN 5412189).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 15-24 and 34-36 are rejected under 35 U.S.C. 102(b) as being anticipated by Cragun (USPN 5412189).

Regarding claim 15, Cragun (USPN 5412189) teaches a computer implemented method for providing tactile feedback in response to input received from a user (*Fig. 1 (10), col. 2, lines 15-16, touch screen apparatus with tactile information*), the method comprising: providing a touch screen (*20*) including a front surface, the touch screen adapted to display visually observable data (*Fig. 1 (20), col. 2, lines 17-22*); detecting a first touch input on the touch screen front surface (*col. 2, lines 37-44, detecting touch*); and actuating the touch screen front surface

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with a first force feedback signal in response to said detecting step (*col. 2, lines 23-33, tactile information*).

Regarding claims 16 and 22, Cragun teaches including determining a characteristic of the first touch input (*Fig. 1 (80), col. 3, lines 49-54, brief description*).

Regarding claims 17-18, Cragun teaches the characteristic of the first touch input includes the location of the first touch input on the touch screen front surface (*Fig. 1 col. 2, lines 21-24, col. 3, line 55, touch input regions*).

Regarding claims 19-20, Cragun teaches the force feedback signal indicates a function selected by the user (*col. 3, lines 58-59, tactile information 31-34*).

Regarding claim 21, Cragun teaches the detecting step includes the first touch input generating a local surface distortion; and the characteristic of the first touch input is based on the local surface distortion (*col. 4, lines 18-21, into the touch screen surface*).

Regarding claim 23-24, Cragun teaches said actuating step includes vibrating the touch screen front surface (*col. 2, lines 25-37, col. 2, lines 42, tactile information electrostatic technology*).

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Regarding claims 33-36, Cragun teaches the first force feedback signal is generated by an air blast generator (*col. 3, lines 60-65, speaker 70 with aural feedback*).

Allowable Subject Matter

4. Claims 25-33 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Claims 4-14 and 37-55 are allowed.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following art is cited for further reference

U.S. Pat No. 5,835,080 to Beeteson et al.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ABBAS I. ABDULSELAM whose telephone number is (571)272-7685. The examiner can normally be reached on Monday through Friday from 9:00A:M to 5:30P:M.If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amare Mengistu, can be reached on 571-272-7674 The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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