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Jung et al.

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(45) **Date of Patent:** ***Apr. 25, 2017**

(54) **ACTIVATING DISPLAY AND PERFORMING ADDITIONAL FUNCTION IN MOBILE TERMINAL WITH ONE-TIME USER INPUT**

(58) **Field of Classification Search**
CPC H04W 4/02; H04W 12/08; H04W 8/22;
H04W 52/027; H04W 12/06; H04M 1/67;
(Continued)

(71) Applicant: **FIRSTFACE CO., LTD.**, Seoul (KR)

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(73) Assignee: **FIRSTFACE CO., LTD.**, Seoul (KR)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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This patent is subject to a terminal disclaimer.

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(21) Appl. No.: **14/848,156**

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Related U.S. Application Data

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(63) Continuation of application No. 14/538,880, filed on Nov. 12, 2014, now Pat. No. 9,179,298, which is a (Continued)

(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

Foreign Application Priority Data

(57) **ABSTRACT**

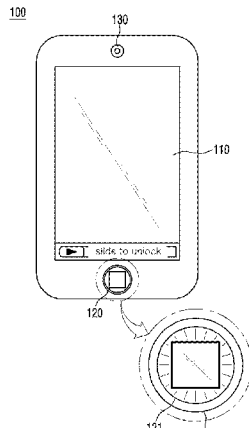
Oct. 19, 2011 (KR) 10-2011-0106839

Disclosed is a mobile terminal including a touch screen display, a camera, a power button and an activation button for turning on the touch screen display. The mobile terminal has a first function and a second function to perform in response to user input and provides user settings for configuring at least one of the first and second functions so that the at least one of the first and second functions is performed along with turning on the touch screen display when pressing of the activation button is detected while the touch screen display is turned off. The mobile terminal is configured to perform the first and second functions depending upon length of pressing of the activation button in addition to turning on the touch screen display.

(51) **Int. Cl.**
H04M 1/00 (2006.01)
G06Q 30/02 (2012.01)
(Continued)

18 Claims, 5 Drawing Sheets

(52) **U.S. Cl.**
CPC **G06Q 30/0262** (2013.01); **G06F 3/04883** (2013.01); **G06F 21/32** (2013.01);
(Continued)



Apple Ex. 1001

Related U.S. Application Data

continuation of application No. 14/058,761, filed on Oct. 21, 2013, now Pat. No. 8,918,074, which is a continuation of application No. 13/590,483, filed on Aug. 21, 2012, now Pat. No. 8,831,557.

(51) Int. Cl.

H04W 4/02 (2009.01)
H04M 1/67 (2006.01)
H04M 1/725 (2006.01)
H04W 8/22 (2009.01)
G06F 21/32 (2013.01)
H04W 12/06 (2009.01)
H04W 52/02 (2009.01)
G06F 3/0488 (2013.01)
G06K 9/00 (2006.01)
H04L 29/06 (2006.01)
H04W 12/08 (2009.01)
G06F 21/36 (2013.01)
G06F 21/62 (2013.01)
H04W 4/22 (2009.01)
H04W 88/02 (2009.01)

(52) U.S. Cl.

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(58) Field of Classification Search

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USPC 455/411, 414.1, 420, 404.2, 410; 726/1, 726/16
See application file for complete search history.

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FIG. 1

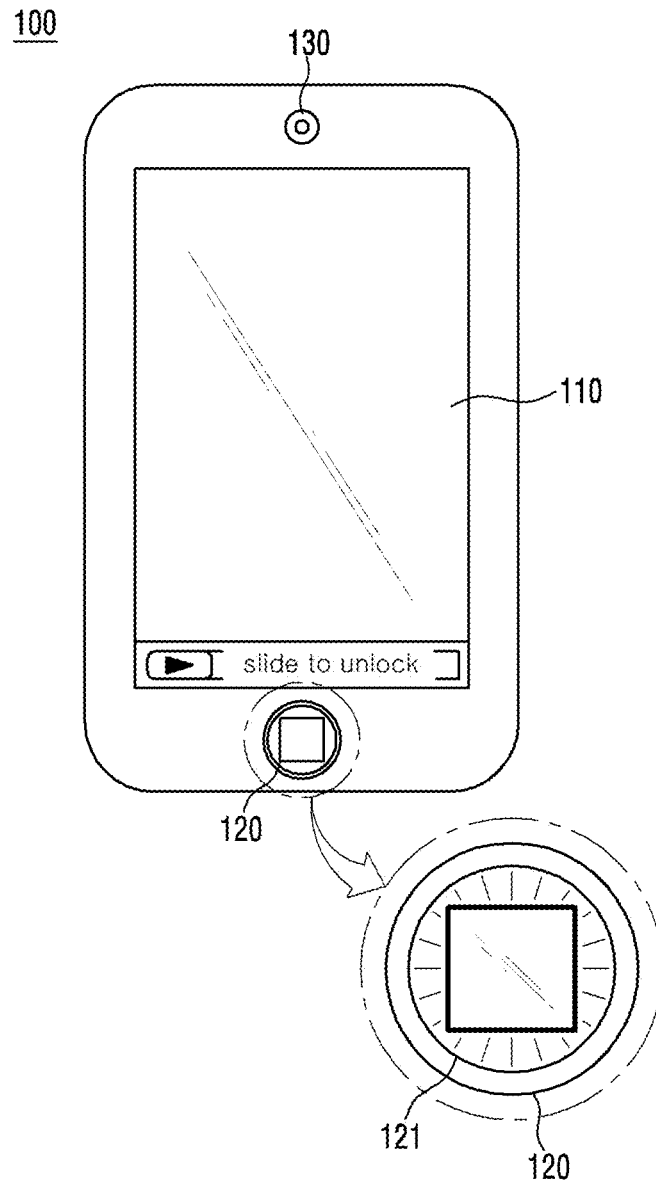
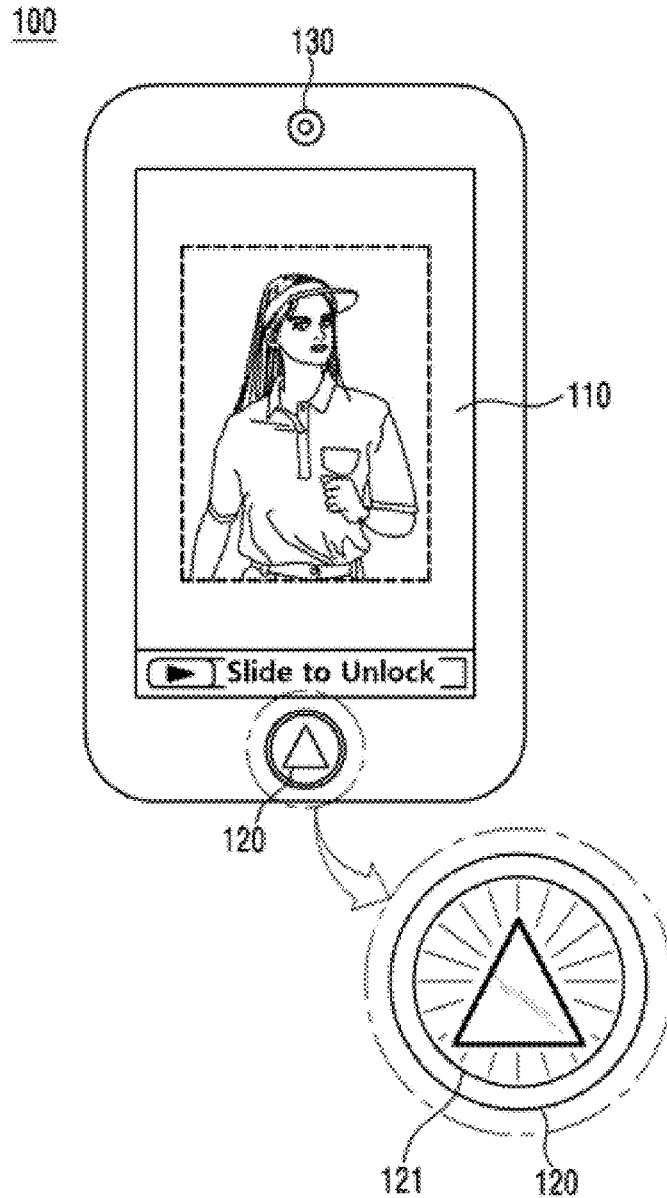


FIG. 2



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