



(19)
(12)

(KR)
(A)

(11)
(43)

10-2010-0040190
2010 04 19

(51) Int. Cl. (71)

HDAB 1/40 (2006.01) CO6F 3/041 (2006.01)

(21) 10-2008-0099302

20

(22) 2008 10 09

(72)

327-23

(74)

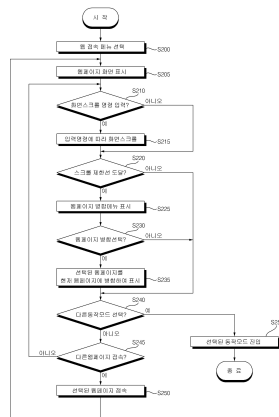
: 20

(54)

(57)

1 2 1 3 1 2

1 2 3 4



1

1 ;

1 2 ;

1 2 3

2

1 ,

2 , 1

3

1 ,

2 ,

4

1 ,

2 , 1

5

1 ,

2 , 1

6

5 ,

7

6 ,

, 1

8

7 ,

9

1 ,

1 , 1 2

10
1 , , 3
11
10 ,
12
9 , , 3
13
1 , , 3
14
1 1 ; 1 2
1 3 2 1 2
15
14 , 1 2
16
14 , 1 2
17
16 , 1
18
14 ,
2

19

14

, , 1 , 1 2

20

14

, , 3

[0001]

[0002]

(mul ti me di a pl ay er)

[0003]

(User Interface)

[0004]

(web page)
(back navi gat i on) (forward navi gat i on)

[0005]

[0006]

[0007]

, 1 2 , 1 1
2 3

[0008]

, 2 , 1 1 2 1

3

[0009]

[0010]

[0011]

[0012]

(smart phone), (notebook computer), PDA(Personal Digital Assistants), PMP(Portable Multimedia Player),

[0013]

1 (block diagram) 1

[0014]

1 (100), (110), A/V(Audio/Video) (120), (130), (140), (150), (160), (170), (180), (190) 2

[0015]

(110) (111), (113), (115), (117), GPS (119)

[0016]

(111)

[0017]

, TV, TV (113), DMB(Digital Multimedia Broadcasting) EPG(Electronic Program Guide) DMB-H(Digital Video Broadcast-Handheld) ESG(Electronic Service Guide)

[0018]

(111), DMB-T(Digital Multimedia Broadcasting-Terrestrial), DMB-S(Digital Multimedia Broadcasting-Satellite), MediaFLC(Media Forward Link Only), DMB-H(Digital Video Broadcast-Handheld), ISDB-T(Integrated Services Digital Broadcast-Terrestrial) (111), (111) / (160)

[0019]

(113), /

[0020]

(115), (115)

(100) WAN(Wireless LAN)(W-Fi), Wbro(Wireless broadband), Wmax(World Interoperability for Microwave Access), HSDPA(High Speed Downlink Packet Access)

[0021] (117) (Bluetooth), RFID(Radio Frequency Identification), (IrDA infrared Data Association), UWB(Ultra Wband), (ZigBee)

[0022] GPS(Global Position System) (119) GPS

[0023] A/V(Audio/Video) (120) , (121)
(123) (121) (151)

[0024] (121) (160) (110)
(121) 2

[0025] (123) (Microphone)
(113) (123)
(noise)

[0026] (130)
(130) (key pad), (done switch), (/),
(151)
(touch screen)

[0027] (140) (100) , (100) ,
(100) (100)
(100)
(190) , (170)

[0028] (140) (Proximity Sensor) (141), (143), (145)
(141)
(141) ,
(141) 2

[0029] (143) (100)
(143) (100)
(143) (151) , (143) (151)
(143) (151)

[0030] (145)
MEMS(micro-electromechanical systems) (145)
(145) 2 3
Z , Z X Y

[0031] (150) (alarm) (150)
(151), (153), (155), (157)

[0032] (151) (100) (100)
 U (User Interface) GUI (Graphic User Interface)
 (100)
 , U, GU

[0033] (151) (151) (151)
 (151) (100) (180)
 (180)

[0034] (151) (e-Paper) (e-Paper)
 (e-Paper)
 (back light) (100)

[0035] (151) (liquid crystal display),
 (thin film transistor-liquid crystal display), (organic light-emitting diode),
 (flexible display), 3 (3D display)
 (100) (151) 2
 (100) () ()

[0036] (153) (160) (153)
 (110) (100)
 (153) (speaker), (Buzzer)

[0037] (155) (100) (100)
 (155)
 (155)
 (155) (100)
 (151) (153)

[0038] (haptic module) (157) (157)
 (157)

[0039] (157)
 (electrode) (157)
 (157) (100) 2

[0040] (160) (180)

[0041] (160) (flash memory type), (hard disk type),

- (multi media card micro type), (SD XD), (100) (internet)
- (150) (web storage)
- [0042] (170) (100) (100) (Memory card), SIMUM card I/Q Input/Output (170) (100)
- [0043] (170) (100) (cradle) (100) (100)
- [0044] (180) (100) (180) (181) (181) (180) (180)
- [0045] (190) (180)
- [0046] (100) (frame) (packet) (data)
- [0047] 2 3
- [0048] 2 2 (100A), 1 (100A) 2 (100) B)
- [0049] 1 (100A) 2 (100B) (closed configuration) , 2 1 (100A) 2 (100B) (open configuration)
- [0050] (100) (Standby Mode) (100)
- [0051] 1 (100A) , 1 (100A-1) 1 (100A-2) . 1 (100A-1) 1 (100A-2) . 1 (100A-1) 1 (100A-2) (STS) (Ti)
- [0052] , 1 (100A-1) (151), 1 (153a), 1 (121a), 1 (130a)
- [0053] (151) LCD(liquid crystal display), CLED(Organic Light Emitting Diodes) (151) (151) (153a) 1 (121a)

- [0054] 1 (100A), 2 (100B) 2 (100B-1) 2
 (100B-2) 2 (100B), 2 (100B-1) (front
 face) 2 (130b) 2 (100B-1) 2
 (100B-2) 3 4 (130c, 130d), (123), (170)
- [0055] 1 4 (130a, 130b, 130c, 130d) (130),
 (tactile manner)
- [0056] (130)
- [0057] 1 (130a), 2
 (130b) (symbol) 3 4
 (130c, 130d) (100) (hot-key)
- [0058] (123) (170)
 (170)
 (100) (170)
 SIM(subscriber identification module) UIM(user identity module),
- [0059] 2 (100B-2) (190)
 (190), 2 (100B)
- [0060] 3 2 3 2 (100B) 2
 (100B-2) 5 (130e) 2 (121b) 2
 (100B) 6 (130f)
- [0061] 2 (121b) 1 (121a) 1 (121a)
 1 (121a)
 2 (121b)
- [0062] 2 (121b) (125) (126) (125) 2
 (121b) (126) 2
 (121b) ()
- [0063] 2 (100B-2) 2 () 2
 1 (153a)
- [0064] 2 (100B-2) ()
 2 (100B) 1 (100A) 1
 (100A-2) 1 (100A) 2 (100B) (100C)
 (100C) 2 (100B) 2 (100B-1)
 3
- [0065] 2 (121b) 2 (100B)
 2 (121b) 2 (100B-2)
 1 (100A), 1 (100A-2)
 1 (100A-2) 2 (100B)

[0066] 2 (121b) 1 (121a)
 2 (121b) (190) (100A-2) (190) (100A-2)

[0067] 4 (S200), (180) (115) (151) (S205) 4 (web browser)

[0068] (151) (S215) (151) (180) (130) (touch & drag)

[0069] (S220), (180) (151) (S225)

[0070] (S230), (180) (151) (S235)

[0071] (180) (S245), (180) (S255) (S240), (S250), S205

[0072]

[0073] 5 S300 S315

[0074] (S320), (180) (S325), (151) (S330) (S335), (180) (151) (S340)

[0075] (S345), (180) (S350), (180) (S355), S305 (S360)

[0076]

[0077] 6a 7c

[0078] 6a (410) 6a (40)
0) (420)

[0079] (420) , 'Do you want to merge with previous page' , 'yes', 'n
o' (420) , 'yes'
, 'no' (420)

[0080] 6b (400) (450)
, 6c (480) (470)

[0081] 7a (500) (510) 7a
, (520) (520)
, (520) 'yes'

[0082] 7b (500) (550)
, 7c (575) (570)

[0083] 8 (580) 8
(585)

[0084] (590)

[0085] 9a 9c 9a (600) (610)
, 9a (620)

[0086] 9b (630)
, 9c (680)
(670)

[0087]

[0088] 10 (700) (710)
(700) (750)

[0089] (720), (750) (730), (750)

[0090]

[0091] , MS(Mobile Station Modem)

ROM RAM CD ROM , , ,

[0092] , , ,

[0093] 1 ,

[0094] 2 ,

[0095] 3 2

[0096] 4 ,

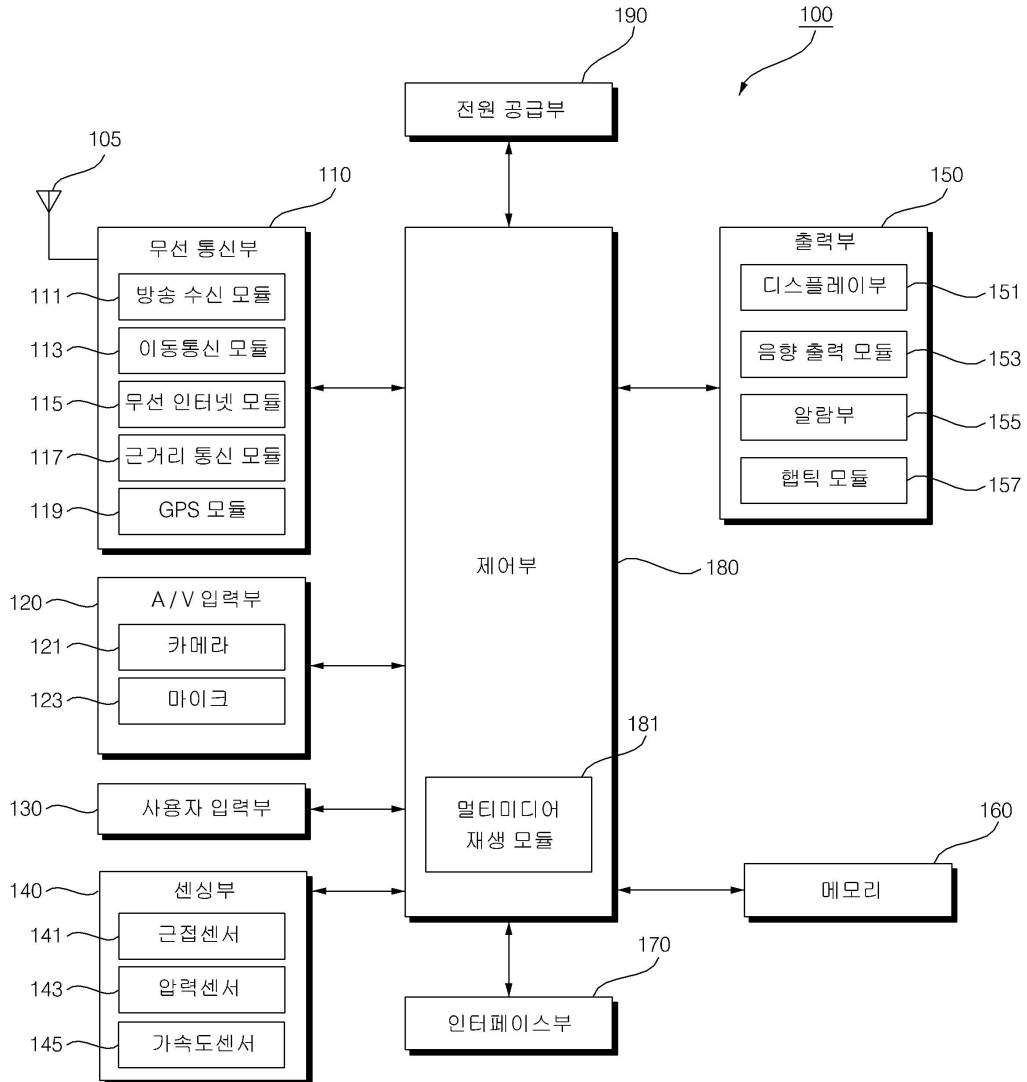
[0097] 5 ,

[0098] 6a 8 ,

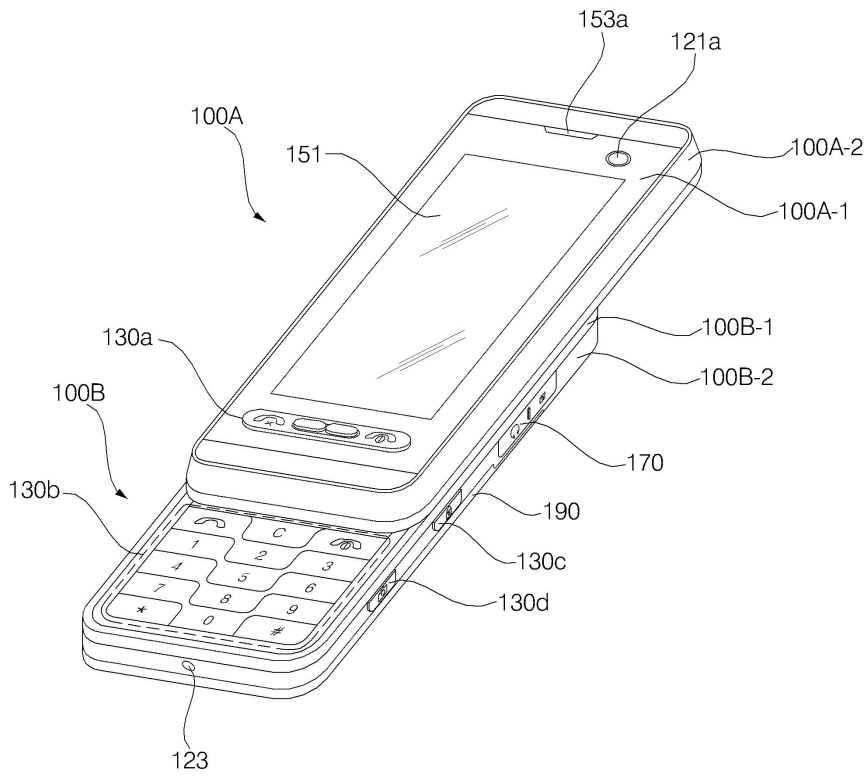
[0099] 9a 9c ,

[0100] 10 .

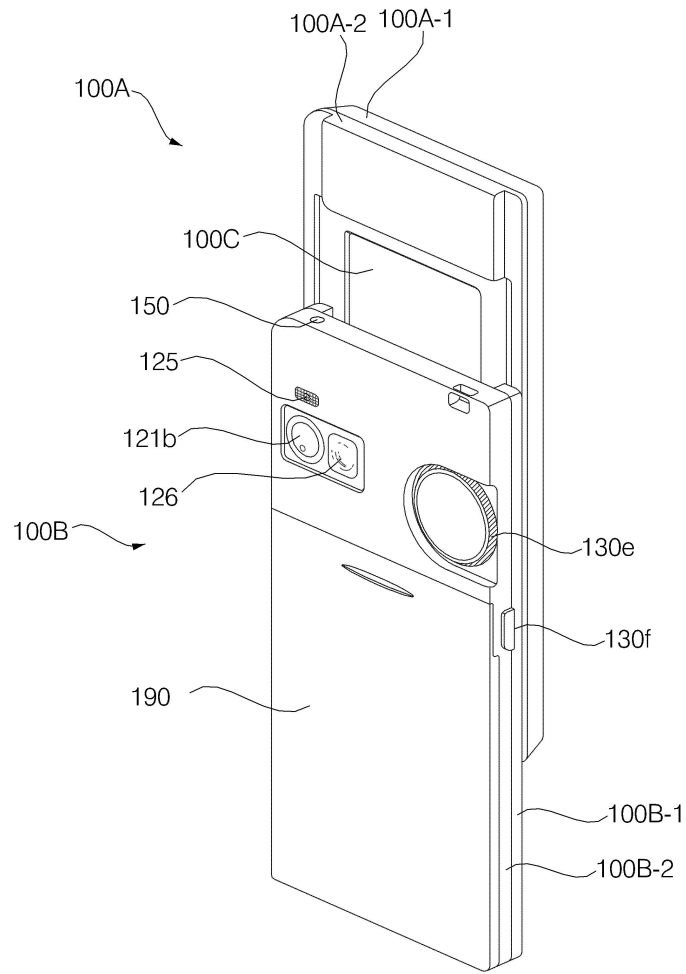
1



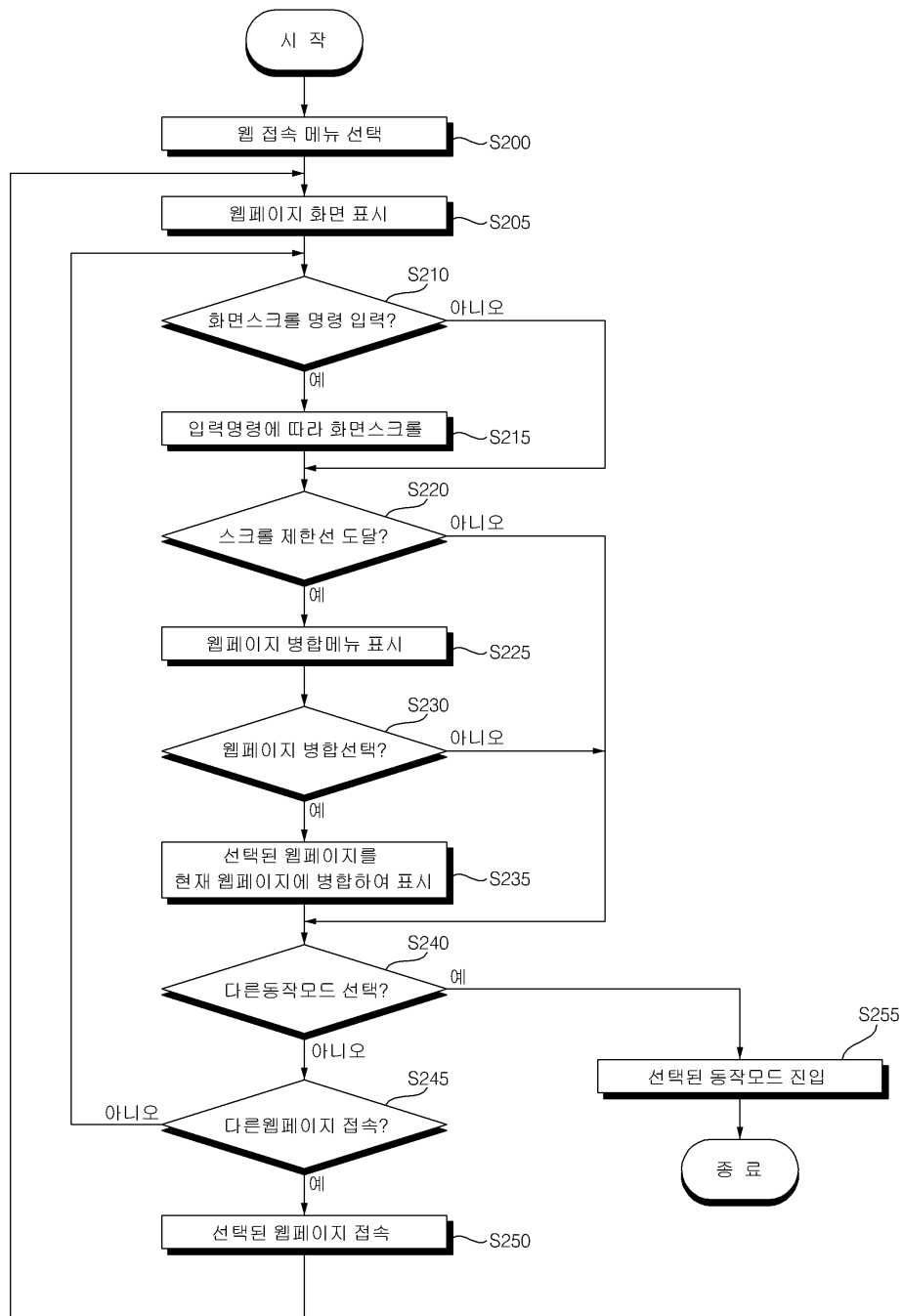
2



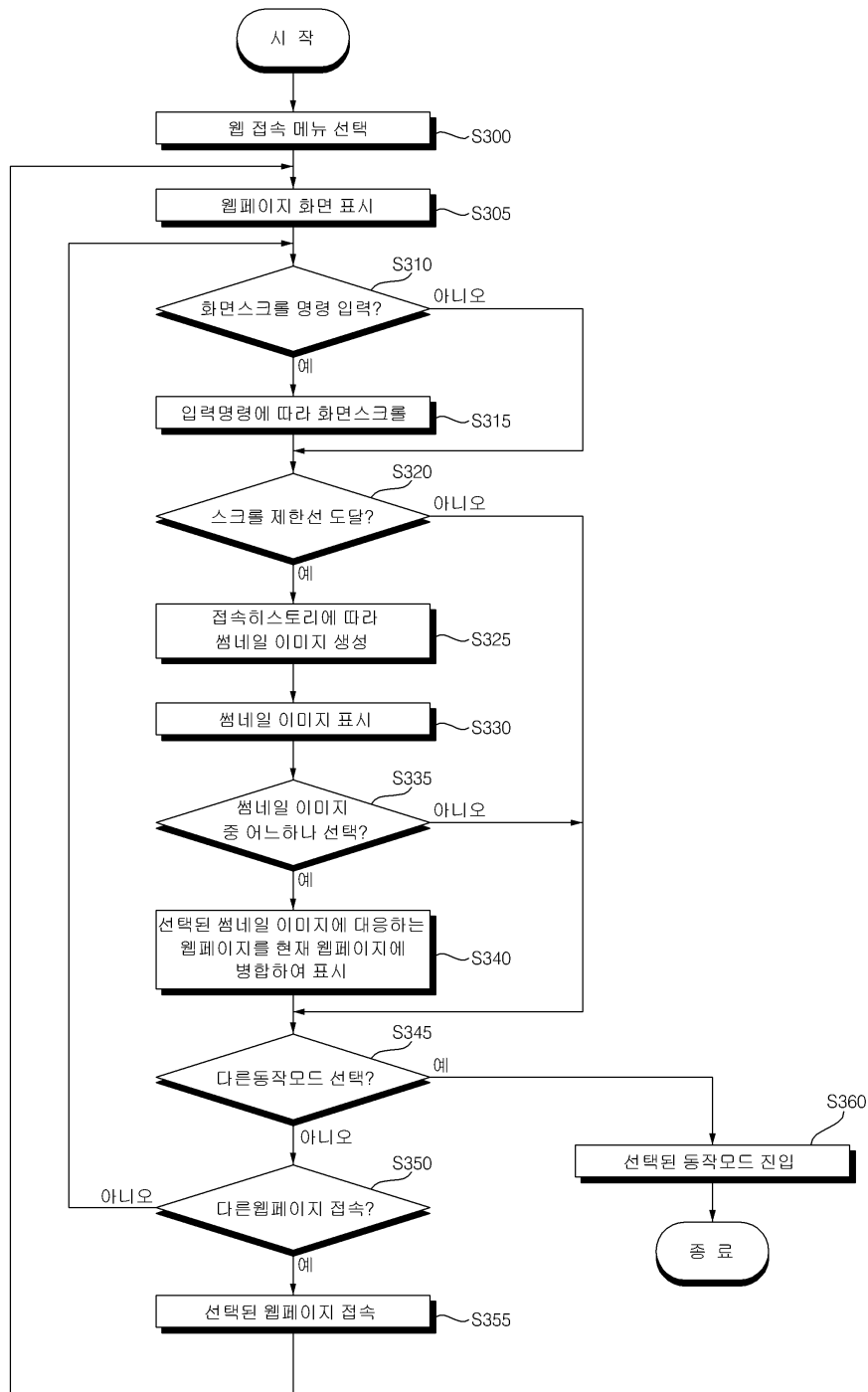
3



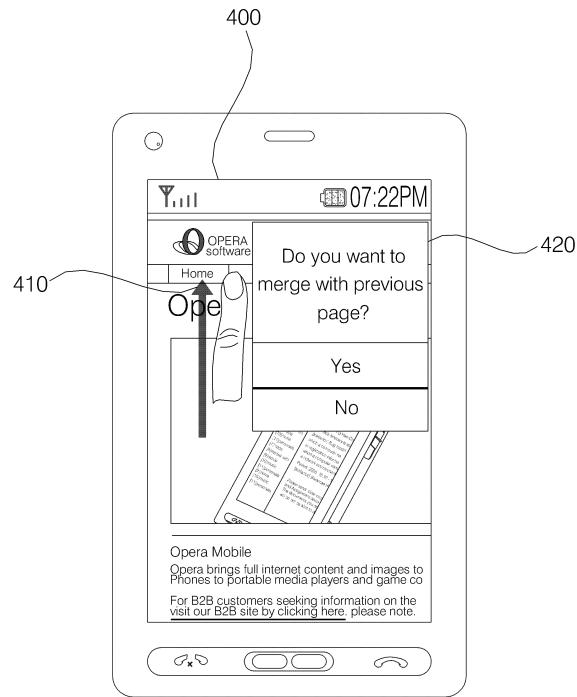
4



5



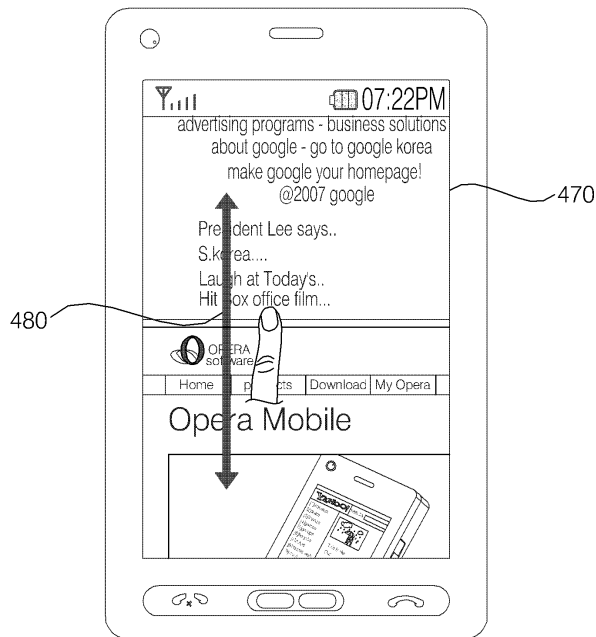
6a



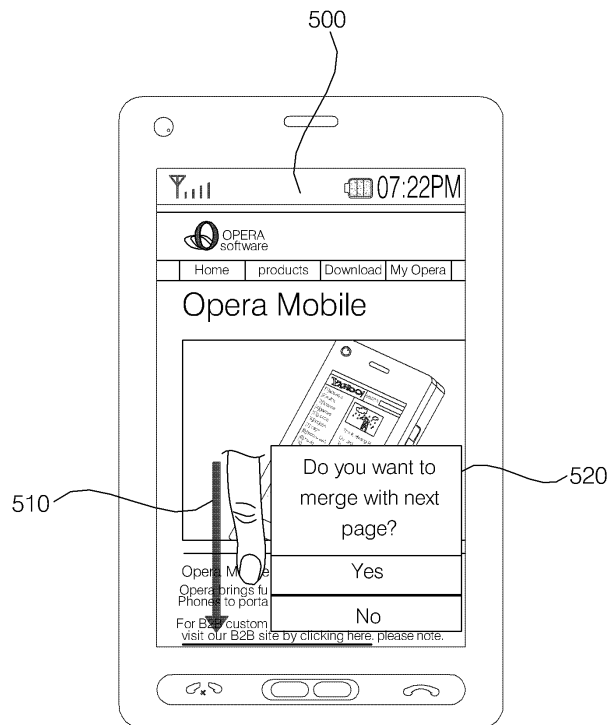
6b

The image shows a vertical mobile browser interface. At the top, the word "Google" is displayed in a large serif font, with a reference line 450 pointing to it. Below the logo is a search bar containing the text "google search" and "I'm feeling lucky". Underneath the search bar, there is a list of search results: "advertising programs - business solutions", "about google - go to google korea", "make google your homepage!", "@2007 google", "President Lee says..", "S.korea...", "Laugh at Today's..", and "Hit Box office film...". Below the search results is the Opera logo and the text "OPERA software". A navigation bar contains the links "Home", "products", "Download", and "My Opera". Below this is the "Opera Mobile" section, which features an image of a mobile phone displaying a list of search results, with a reference line 400 pointing to it. At the bottom of the Opera Mobile section, there is text: "Opera Mobile", "Opera brings full internet content and images to Phones to portable media players and game co", and "For B2B customers seeking information on the visit our B2B site by clicking here, please note."


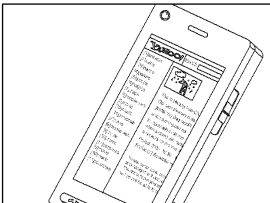



6c



7a



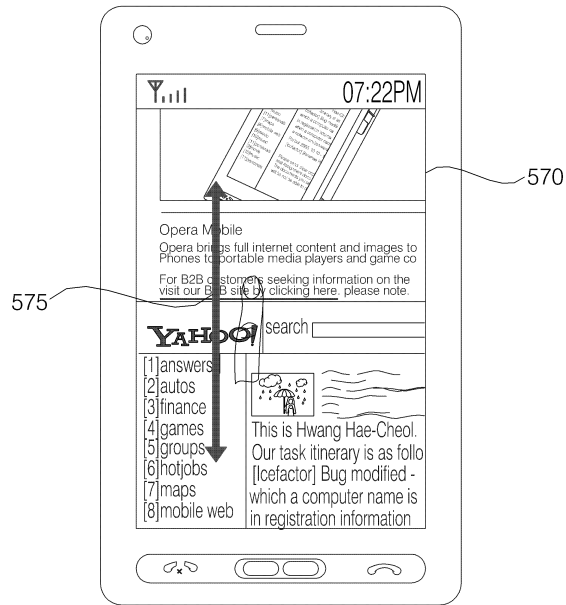
7b

	
Home	products Download My Opera
<h2>Opera Mobile</h2>	
	
<p>Opera Mobile Opera brings full internet content and images to Phones to portable media players and game co For B2B customers seeking information on the visit our B2B site by clicking here, please note.</p>	
	<input type="text" value="search"/>
<ul style="list-style-type: none"> [1] answers [2] autos [3] finance [4] games [5] groups [6] hotjobs [7] maps [8] mobile web [9] movie [10] music [11] personals 	 <p>This is Hwang Hae-Cheol. Our task itinerary is as follo [Icefactor] Bug modified - which a computer name is in registration information when a computer name is a network environment set</p>
	<p>Period: 2005. 10.10 - 10.10 Price : 50.000 won Spring Hot Sale!</p>

500

550

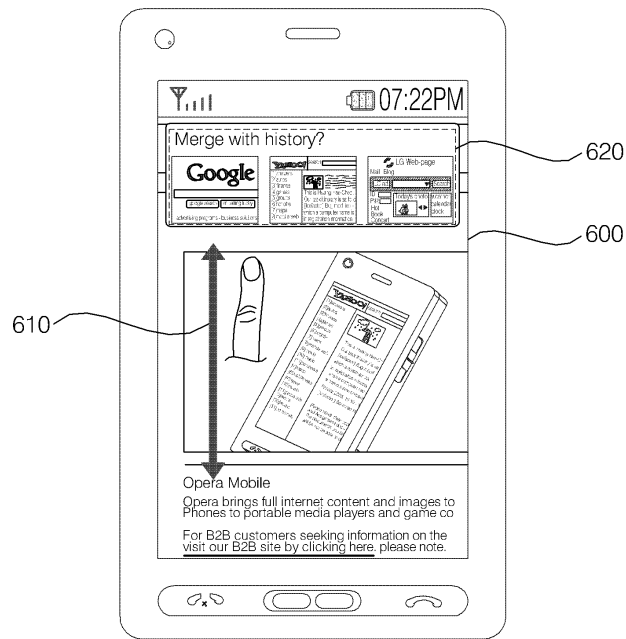
7c



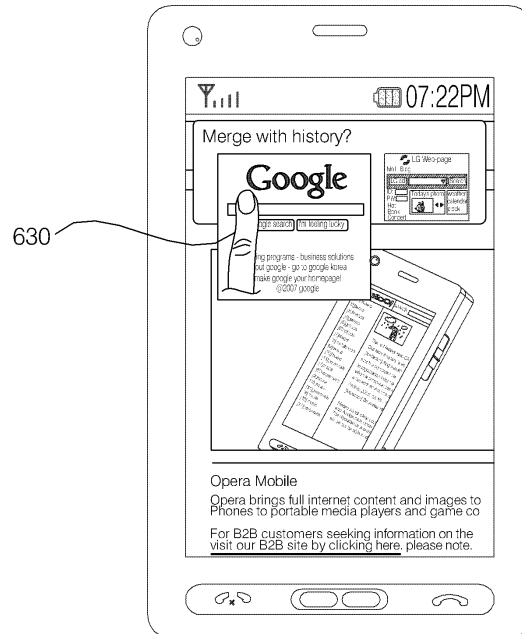
8



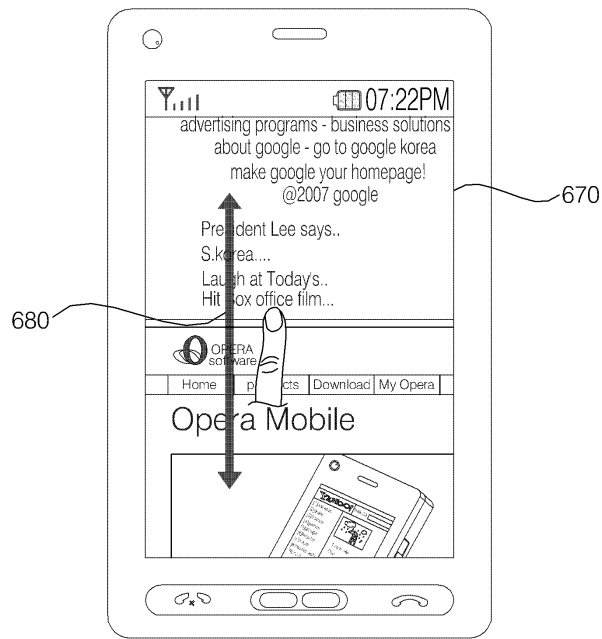
9a



9b



9c



10

