

2

, GPS, 가 ,

가 , , 가 가 , ATM , (map), 가 가 가 " (pushed)"

(regular polling) , 가 ,

가 , (transaction) 가 , 가 (push services)

(locally) 가 가

(pager), (portable data assistant)가

가

가

가

가

가

가

가

가

가

가

(opportunistic service)

가,

가

1

2

3

4

5

6

1 (100) (102) (101) (100) . 3
 GPS(Global Positioning System) , (self - contained location determination c
 apability) (100) (100) (101)

(100) 가 (location to information matching system)(106) (102) (104)
 (102) , URL(unified resource locator)() (106) ,
 (100) (100) (102) (104)

2 (100)
 (140) (141) (102) (100)
 , PDA(personal data assistant)()가 (116)
 (110) (112) (113) (114) (114) (114)
 113) (115) 가 , (100) , (alphanumeric) ,
 device), 가 (visual device) (109), LCD , 가 (audible

(100) (117) (117) (102) (102) (10)
 0)가 (100) 가
 tem)(+/- - 10) . GPS GPS(Global Positioning Sys

(100) , (100) , 가 ,
 (beacons) (100) , (100)
 (100) , 3 , (100)
 (100) , (117) , 가 ,
 (100) 가 , (103)
 (100) (100) , (103)
 (resource locator) (103)
 (100) 가 (centralized record)
 (103) , ,
 (103) , (103)
 (100) (100) , (103)
 (100) (100) (102) (100)
 (100) (103)
 (100) , , ((100))
 , , , , ATM
 M. (100) , 가 9 A.M. 5 P.
 , , 5000 ,
 , (/) (push/pull) , 가 ,
 (storage) 가 , (100)
 (100) 가 ,
 , , (positioning system)
 , 가 , 가 ,
 (117) / 가 , (100)
 가 , ,
 (100) 가 , (100) ,
 (112) (113) , (117) , 가 ,
 (112) (117) , 가 ,
 (102)

/ (100) (100) 가 (100) (141)
 (100) (100) , SMS(short message service)() , WAP(wireless access protocol)(
), (100)
 100) (117) (100)가 (fragment) (
 , (100)가 ,

2 (103) , (124) , (122) , (121) , (130) ,
 (120) , (103) (102) (port)(123) 가 (102)
 (104) , (134) , (132) , (131) , (104)
 (104) (133) 가 (104)
 , PSTN(public switched telephone network)()
 (100) (104) (103) (104)
 가 (100) WAP(wireless access protocol)() HTTP(web server)() UR
 L (103) (104)

3 (150, 151, 152 153) . 4 (150) (151) (151) (152)
 (150) 가 (153)
 (150, 151 152) 가 가

4 / 가 (100) (103) (200 202) (2
 00) (100) (100)

()
 II); URL, (202) (push) (pu
 " (P4 P5) (S1) (S1)가 (L1)
 (100) (S2)가 (S2)
 (S2) (S2)
 (100)가 (S2)
 (103) (S2) (time-
 based trigger) (100)가 (S2) 가
 (S2)

(S3)가 (100) (L1) (S3)
 (204) (100) 가
 (push alert choices) (204) (P3)
 (S3) (S4) (100) (S4)
 (S5)
 가 가
 (100) (S6) 가 (S9) 가
 (S9)
 (100) (P6) (S3) (S9) ,
 match area) , 가 (service geographic
 가 가 (204)
 (S7) (S8) (S7)
 (P7) (S9) 가 (S10) 가
 (P1) 가 가 (S11) (1
 02) (104) 가 (P2)

5 (100)
 (x,y) A (117) T , (100) (100)
 (100)가 T+t , (x+a, y+b) B
 가 (100)
 C (100) T+2t (x+2a, y+2b)
 (E) (117) 가
 D T+2t (100)
 (100)
 가 , 2
 (100)
 가
 (E) (granularity)

(100)
 (100)
 가 (100)
 (100)

(100)
 (100)

6
 가 (L10) (105)가 (105) (166) (102) (102)
 (L10) (dial up modem), LAN (105) (163)
 (102) (164) (162) (163) (105) (163)
 (164) (165) (161)
 (105) , LCD 가
 (105) (167) (160) (105)가
 50 GPS()
 GPS
 (105)

(105) (105) (102)
 (103) (104)
 가 가 가
 (102) (163) (165) (102)
 (105) (167)
 (105)가

가 ,

. , , .

(57)

1.

(100) ,

(location determination element)(117) ,

(117) (110) ,

(110) (113) ,

(117), (110) (113) (112) ,

(112) (output element)(109) , ,

(100) 가 , , ,

(109) 가 (112) , , .

2.

1 ,

(109) 가 (visual display) , .

3.

1 ,

(117) (global positioning information) ,

4.

1 ,

(113) , .

5.

4 ,

, .

6.

1 ,

(111) ,

(113)

7.

4 ,

(time preference information)

8.

7 ,

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9.

4 ,

10.

4 ,

(subject matter preference algorithm)

11.

,

(117) ,
(113) ,

(117)
(117),

(110)

(110) ,
(113)

(110)
(1

12) ,

(109)

(100) ,

(100)

가

가
(103)

(122)

(103) ,
(100)

(100)

가

(109)

12.

(100)

(103)

13.

12

14.

13

15.

13

16.

13

17.

13

18.

12

19.

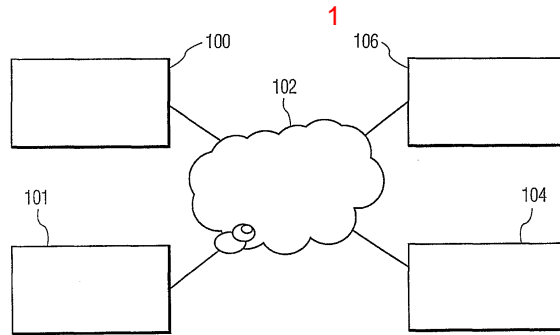
13

,

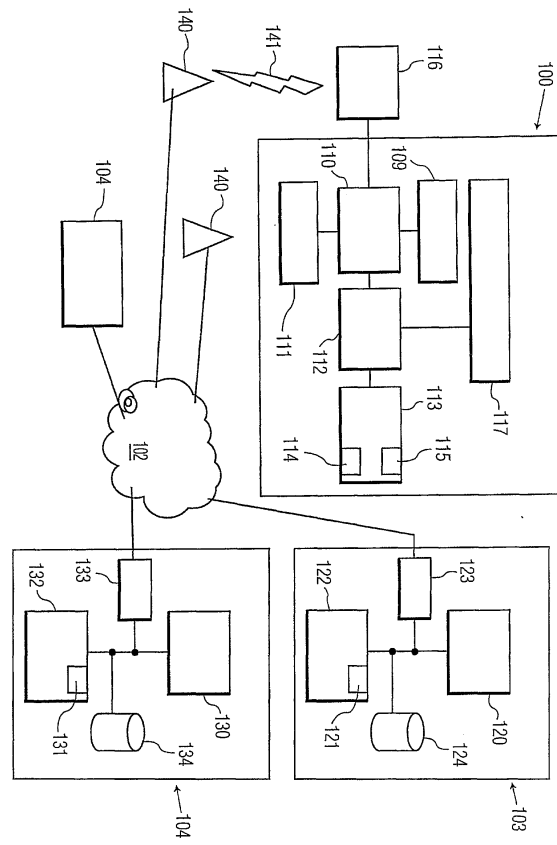
가

,

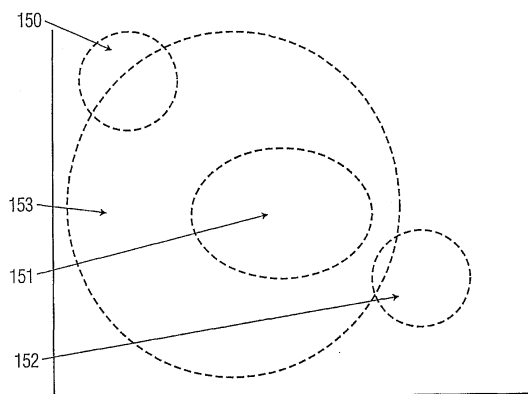
.



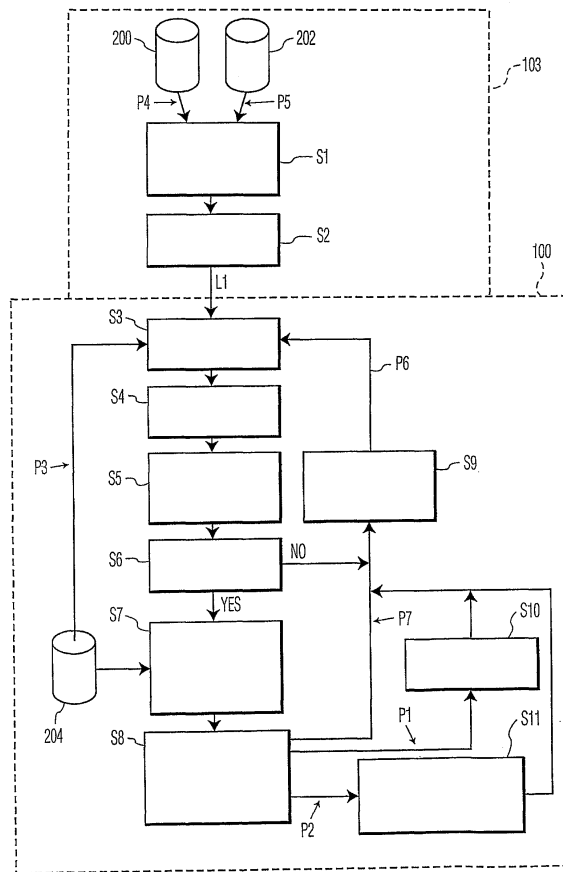
2



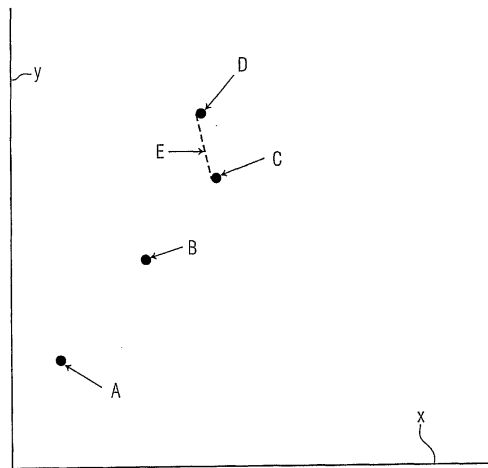
3



4



5



6

