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2002 - 0093466
2002 12 16

(21) 10 - 2001 - 0032239
(22) 2001 06 09

(71) 3 416

(72) 2 215 - 904
401 - 1308

(74)
:

(54)

가 가 , DTMF
가 DTMF . 가 ,
DTMF 가 , DTMF
가 가 , DTMF
DTMF .

6

, , , , DTMF .

1

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2

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3

DTMF

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4

DTMF

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DTMF

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11

DTMF

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DTMF

가

가

(phonebook)

DTMF(Dual Tone Multi - Frequency)

DTMF

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()

,

(A1)

가

, (A2)

1

가

'1'

가

'2'

(A3)

(A4)

.

'1'

, '2'

" Y.D.Heo"

, '3'

'Y.D.Heo'

가

'1'

, (A5)

가

(A7) / (A6)

TV
,
(field) 가 . 가 가 가 , ,

2 (B3) . 2 (B1) (B3) 1 (A1) (A3)
(B4) 'Y.D.H'
eo' 가 '1' 'IBM CALL' 가
, 가 '2' , (B5)
(B6)

가 가

DTMF 가 ARS(Audio Response System) ARS DTMF

(pause) 가
(hard pause) , DTMF
'p' (time pause) , 't' 'p'
(time pause) DTMF , 'p'

2 't' DTMF ,

3 가 , (C2) DTMF (C1) 가
'4' , (C3) , '1' , '1' (C4)
'12p23t3927' 'p' '12' DTMF
'12' DTMF (C5)
, 가 'p' 't' '23' DTMF
(C6) '3927' DTMF '23' DTMF
, 2 't' (C7) (C8)

가 DTMF 가 .

DTMF

4 . 4 (D1) (D2) 3 (C1) (C2) . (D

2) 가 'IBM CALL' 가 가 '4' (D3) DTMF 가 '1'

가 , (D4) (D5)

DTMF DTMF 가 , 가 DTMF DTMF 가

가

가

DTMF 가 가

가 , 가

가 DTMF 가 DTMF

가

가

가 DTMF 가 DTMF

5 DTMF 가

5 MPU(Micro - processor Unit)(100)

MPU(100) (Read

Only Memory)(102) MPU(100)

DTMF

ry)(104) MPU(100) (working memory) (Random Access Memo

DB가 (key pad)(108) 1 ~ 0 가 (flash RAM)(106) 가

MPU(100) DB(Database) DTMF 가

(110) MPU(100) MPU(100) MPU(100) (volume)

MPU(100) (CODEC:

Coder - Decoder)(112) , (112) (114) (116)
 RF(Radio Frequency) (120) (118)
 (122) MPU(100) RF
 (118) (118) RF (122) MP
 U(100) (122) RF (120) MPU(100) ,

(200) MPU(100) (200) (214) 6 , MPU(100)
 (202) 가 , (204)
 가 (206)
 가 (208) (110)

1 1 (108)
 가 가
 1 가
 1 '1 - 800 - PAY - CARD' '1 - 800 - 729 - 22
 73 '080 - ' '080 - 8120 - 8210'
 '080 - SAMSUNG' '080 - 726 - 7864'

[1]

		.() , Q, Z	1
A, B, C	· ()	A, B, C	2
D, E, F	—	D, E, F	3
G, H, I	ㄱ, ㅋ	G, G, I	4
J, K, L	, ㄹ	J, K, L	5
M, N, O	ㄷ, ㅌ	M, N, O	6
P, Q, R, S	ㅂ, ㅍ	P, R, S	7
T, U, V	ㅅ, ㅎ	T, U, V	8
W, X, Y, Z	ㅈ, ㅊ	W, X, Y	9
(Space)	ㅇ, ㅁ()	(Space)	0

가 (208)
 (110) (210)
 , (212) , (214)

E4) 2 (B1) (B4) (E4) 7 가 '2' (E1) (
 CALL 가 2 (B5) , 'IBM
 'IBM - CALL' '426 - 2255'

(E5) 가 (E)

6) (E7)

8 (F1) (F7) 7 (E1) (E7) 가
, (F4) '8236 - 2115' (F5)
(F6) (F7)

TV 가 ,

가

MPU(100) (300) (310) 9 , M
PU(100) DTMF (302) 가 , (304)
DTMF (306) 가 가
(110) DTMF (308) 1
(310)

(110) 가 (308)
DTMF (310)

3, 4 'P' 'T'가 'P' 'T'가

DTMF

10 (G1) (G3) 4 (D1) (D3)
가 '1' , 'IBM CALL' 가
'IBM - CALL' '426 - 2255' (G4) 'p'
DTMF (G5) , 가
'p' DTMF (G6) DTMF
(G7)

11 (H1) (H7) 10 DTMF (G1) (G7) 가

DTMF 't' (H7) , 'LG' '546211552114230' (H4)
 가 2 'LG' 't'가 (H5) '546211552114230'
 '465873' (H6) DTMF

DTMF 가 , DTMF DTMF DTMF
 가 . DTMF DTMF

DTMF 가 가 가
 , DTMF 가 가
 DTMF (57)

1.

가 가

가 가

가

2.

1

3.

DTMF 가 DTMF
 DTMF ,
 DTMF ,

가 가

,

DTMF

,

가

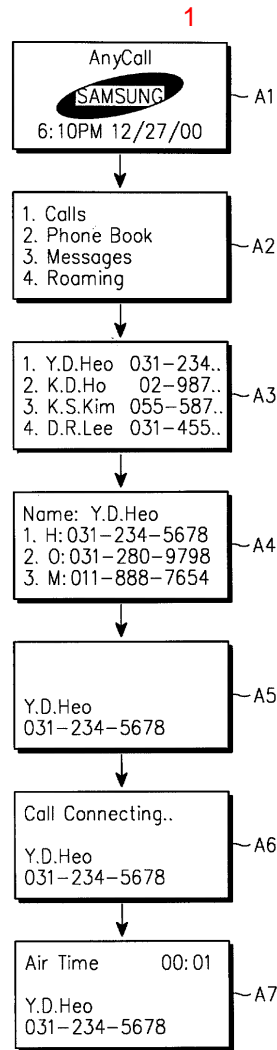
DTMF

4.

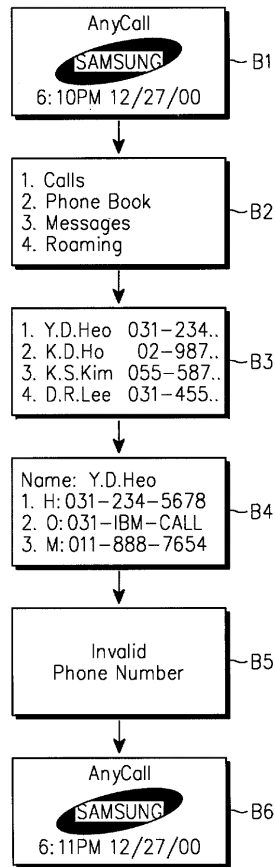
3 , , DTMF 가

5.

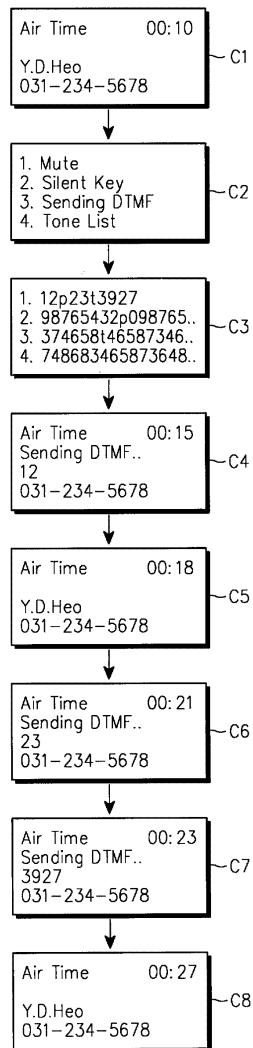
3 , DTMF



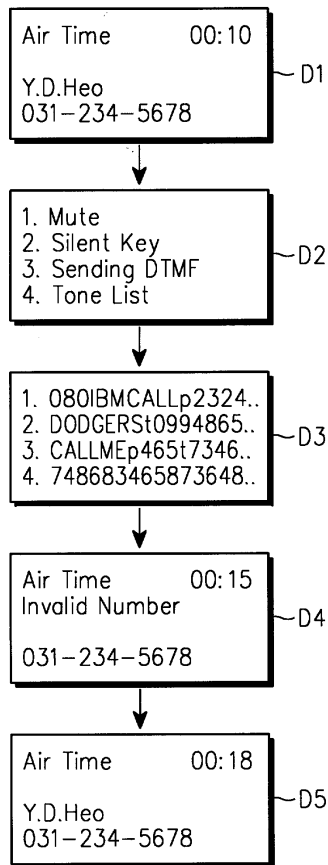
2



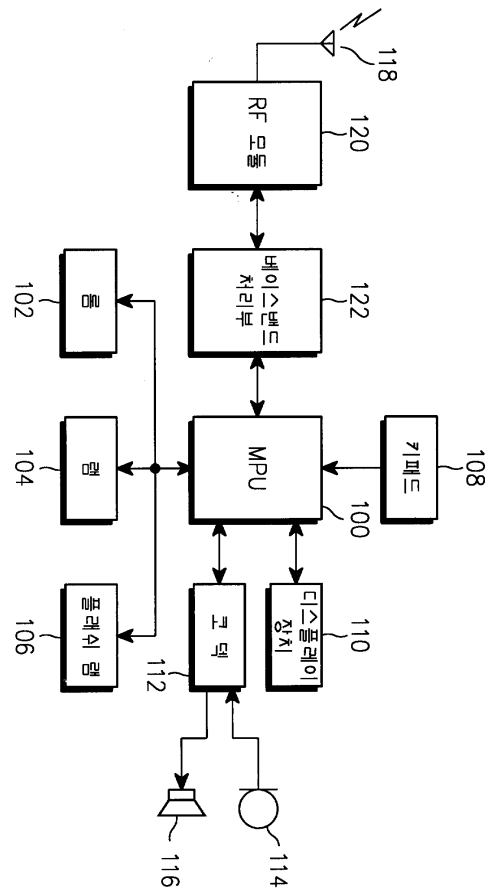
3



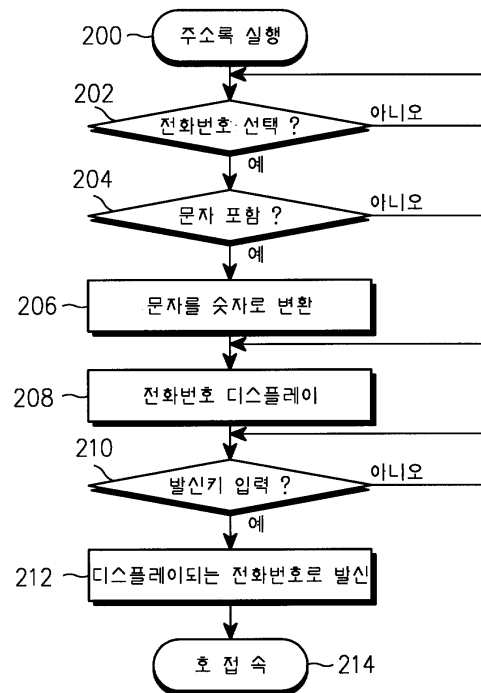
4



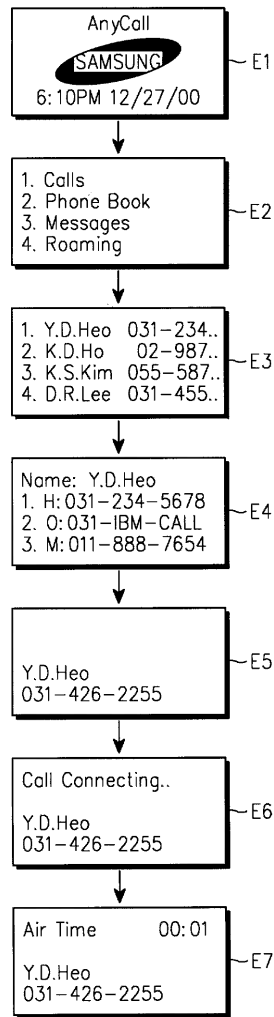
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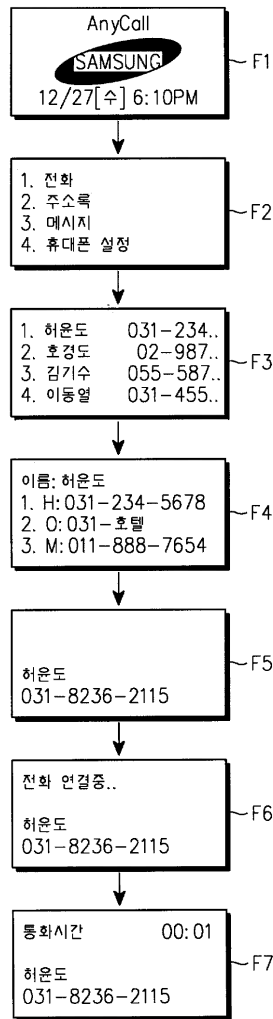
6



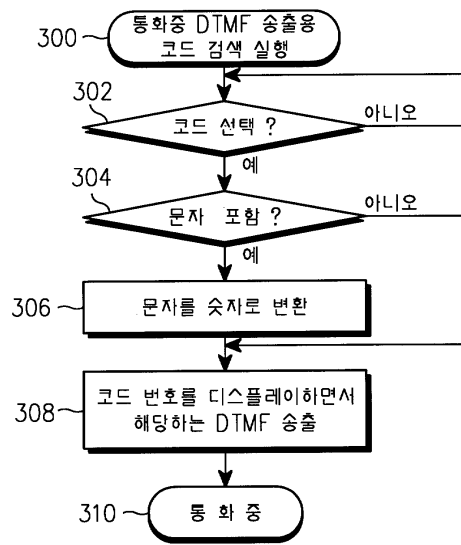
7



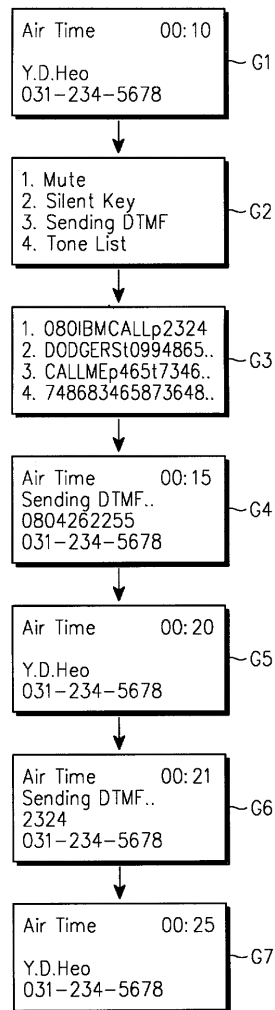
8



9



10



11

