

(54)

가 , 1 (132)
 , 2 (134)

36) 3 (136) 3 (1)

(112) ,
 가

1

3 , " ITU - T T.30 :
 " T.30 "

T.30 , " CCITT V.21 :
 300 bps " " V.21 " " V.21 "

T.30 , (, " V.21 ")V.21 ,
 ()

, (CED , (, CNG))
가

T.30 , (" V.21 " , V.21 , (" V.21 "))
가 32 가
가 , 2

가
V.21
(threshold)
266.7

가 가 1 V.21

V.21 , 가
가

21 , T.30 CNG CED , V.

가 , 1 ,
2 , 2 ,
2

가 , 1
2 , 2 ,
2

가 , 2 , 1
2
1
3 , 2 , 3 ,
3

()

가

1

2A 2B

3 ,

4

1
(100) , (104) 가
(110) , (110) (102)
(112) , 가 (112) 가 ()
(106) (110, 112)
(106) (112)
(102) (110)
(104)

1 () () (104) 1 () (20)
1 2 ()
2 (called fax machine) (100)
(120) (102) (122)
(106)
(102)

(100) , V.21
T.30

(100) (102)
(130) (130)
(104, 106) (100) (104, 106) (110, 112)
(104, 106) (120, 122)

(130) (100)
1 (132) , 1 (132) CNG
(T.30) CNG
(102) CNG (110)
(112) , CNG (112) (112) " CNG " (132)
(112) 1 (132) CNG , CNG

(100) (130)
2 (134) , CED
2 (134) (T.30) CED
1 (134) (106)
2 (134) () CED

(100) , (130)
 3 (136)
 3 (136) V.21
 , V.21 32 (8 /)
 BFSK 1 , 3 (1
 36)(, BFSK) (106) , 3 (136) (
) V.21
 , 3 (136) (106) V.21
 (count) .

(130) (138)
 (132, 134, 136) (138)
 , (138)
 2a 2b .

2a 2b
 (200) , (200) 가
 , 200(202) , (OM)
 , 204 , (, " V21_THRESHOLD") (" T_INITIAL")
 , 206 , (132) , (132) 가 CNG
 . CNG , 208 210 , V21_THRESHOLD 2
 (" T_CNG") , 1 10 1 1
 (138) . 1 가 210 , 1

212 , (134) , (134) 가 CED
 . CED , 214 , , V21_THRESHOLD . V21_
 _THRESHOLD T_CNG (, 206 CNG) , 216 V21_
 _THRESHOLD (" T_CND & CED") , 218 V21_THRESHOLD (" T_CED")
 , CED 212 , 220 2 2 , T_CND & CED T_CED , T_CNG .
 . 2 (138) . 220 5
 2 , 2 .

222 , (136) (136) 가 V.21
 . 224 , (136) V.21 V21_THRESHOLD
 (136) V.21 가 V21_THRESHOLD ,
 가 , 224 V21_THRESHOLD가 , 230
 (110, 112) (, (112) 가 (110) 가 (104)
 , (110, 112) (104)) , (136)
 , (, V.21) V.21 (106)
 . 232 , (136) , V.21 ,

V.21 " T_CONT" T_CONT
 , , 224 , 234 가
 , 232 T_CONT 가
 204 .
 2B , 224 V21_THRESHOLD가 , 226 , 1
 2 가 (, 1 2 가)
 가 , 228 V21_THRESHOLD
 T_INITIAL , 206 .
 , 200 V_21

T_INITIAL = 4 V.21 flags

T_CNG = 3 V.21 flags

T_CED = 2 V.21 flags

T_CND & CED = 1 V.21 flags

T_CONT = 10 V.21 flags

D T_CONT , T_INITIAL, T_CNG, T_CED, T_CND & CE
 T_CND & CED T_CONT 200 T_INITIAL, T_CNG, T_CED,

K , 3 (136) (106) V.21 BFS
 , (136) , 3 (136)
 (106) V.21 가 (106) (106)
 가 , 1650 Hz , 1850 Hz , 2
 (106) (106) 가, (
 , 200) (V21_THRESHOLD) , 가 가
 200 V21_THRESHOLD , .

T_INITIAL = 90 % = 50 ms()

T_CNG = 85 % = 40 ms()

T_CED = 80 % = 30 ms()

T_CND & CED = 75 % = 20 ms()

T_CONT = 95 % = 500 ms()

T_INITIAL, T_CNG, T_CED, T_CND
 T_INITIAL, T_CNG, T
 & CED T_CONT
 _CED, T_CND & CED T_CONT 200

2 (136) (106) . V.
 21 가 V.21 가 (106)
 가 (106) FET 가 (106)
 V.21 ()
 224 232 가

3 (300) (300) (300)
 (102) (100) (300)
 " 2 (102) " 1 (130a) (102) "
 (130b)

1 (130a) (134 136) (138) 1
 2 (130b) (104) (CNG)
 (132a) (132) (132a) ()

4 (400) (400) (400) (102) (" "
)" (100) (130c)
 ((136) (136a) V.21) (136a) (13
 8) (136a)) 1
 (132) 3 (130c) (104)
 (CED) (134a) (134) ,
 (134a) ()
 (134a) CED

가

가

(57)

1.

(a)

(b)

(c) (b)

(d)

(e)

(f) (e)

2.

1

(d)

3.

2

V.21

4.

2

(d)

5.

4

1650 Hz 1850 Hz

6.

2 ,

(d)

7.

(a)

(b)

(c) (b)

(d)

(e)

(f) (e)

8.

7 ,

(d)

9.

8 ,

V.21

10.

8 ,

(d)

11.

10 ,

- 1650 Hz 1850 Hz

12.

8 ,

(d)

13.

(a) 1 ;

(b) ;

(c) (b) 2 , 2
1 , ;

(d) ;

(e) (d) , 3 (b) 2 , ; 3

(f) (d) , 4 (b) 3 , ; 4

(g) 1 1 , ; ,

(h) 1 ;

(i) (h)

14.

13 ,

(i) ,

(a) 1 ;

(b) 가 2 , 2 , ;

(c) 5 , 5 1 , ;

(d) (i)(3) , 2 ;

(e) 2

15.

13 ,

(b) 1

16.

15 ,

(h) ,

(a) 1 ;

(b) 1 , 1 가 ;

(c) 1 가 , 1

17.

15 ,

(d) 2

18.

17 ,

(h) ,

(a) 1 ;

(b) 1 , 1 2 가 ;

(c) 1 2 가 1

19.

18 ,

1 , 1 , 2 2 , 1 1 2

20.

13

,

(g)

,

21.

20

,

V.21

22.

21

,

(g)

-

23.

22

,

-

1650 Hz

1850 Hz

24.

20

,

(g)

25.

13

,

26.

13

,

1

2
2

,

1

,

1

,

,

2

27.

13

28.

13

T.30

CNG

29.

13

T.30

CED

30.

13

(i)

31.

(a)

1 ;

(b)

2 ;

(c)

1

2

,

2

32.

(a)

1 ;

(b)

2 ;

(c) 1 2 , 2
,

33.

- (a) 1 ;
- (b) 2 ;
- (c) 3 ;

(d) 1 , 2 3 , 3
,

34.

- (a) ;
- (b) 1 ;
- (c) 1 ;
- (d) 2 , 2 ;
- (e) ;
- (f) .

35.

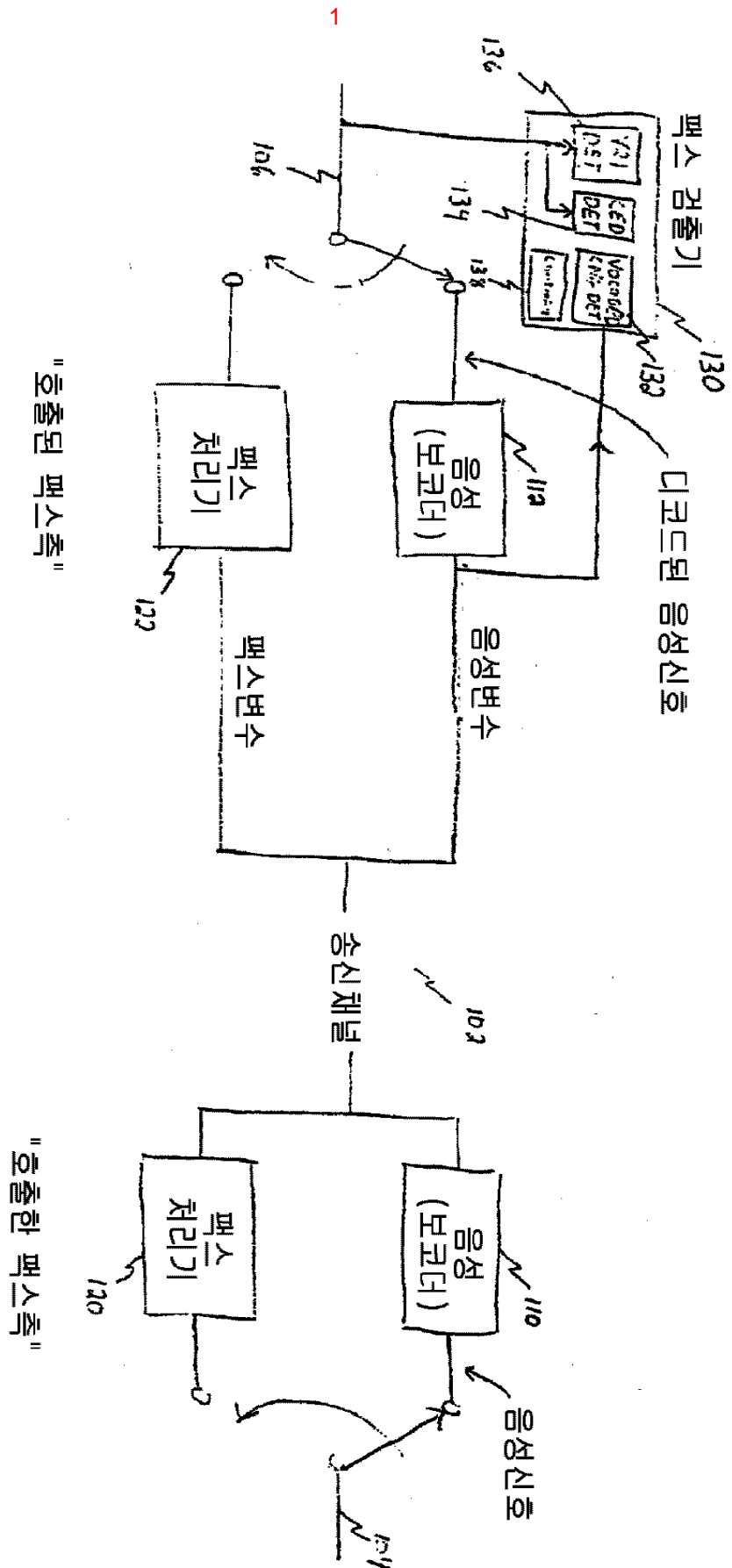
(a) ;

- (b) 1 ;
- (c) 1 ;
- (d) 2 , 2 ;
- (e) ;
- (f) .

36.

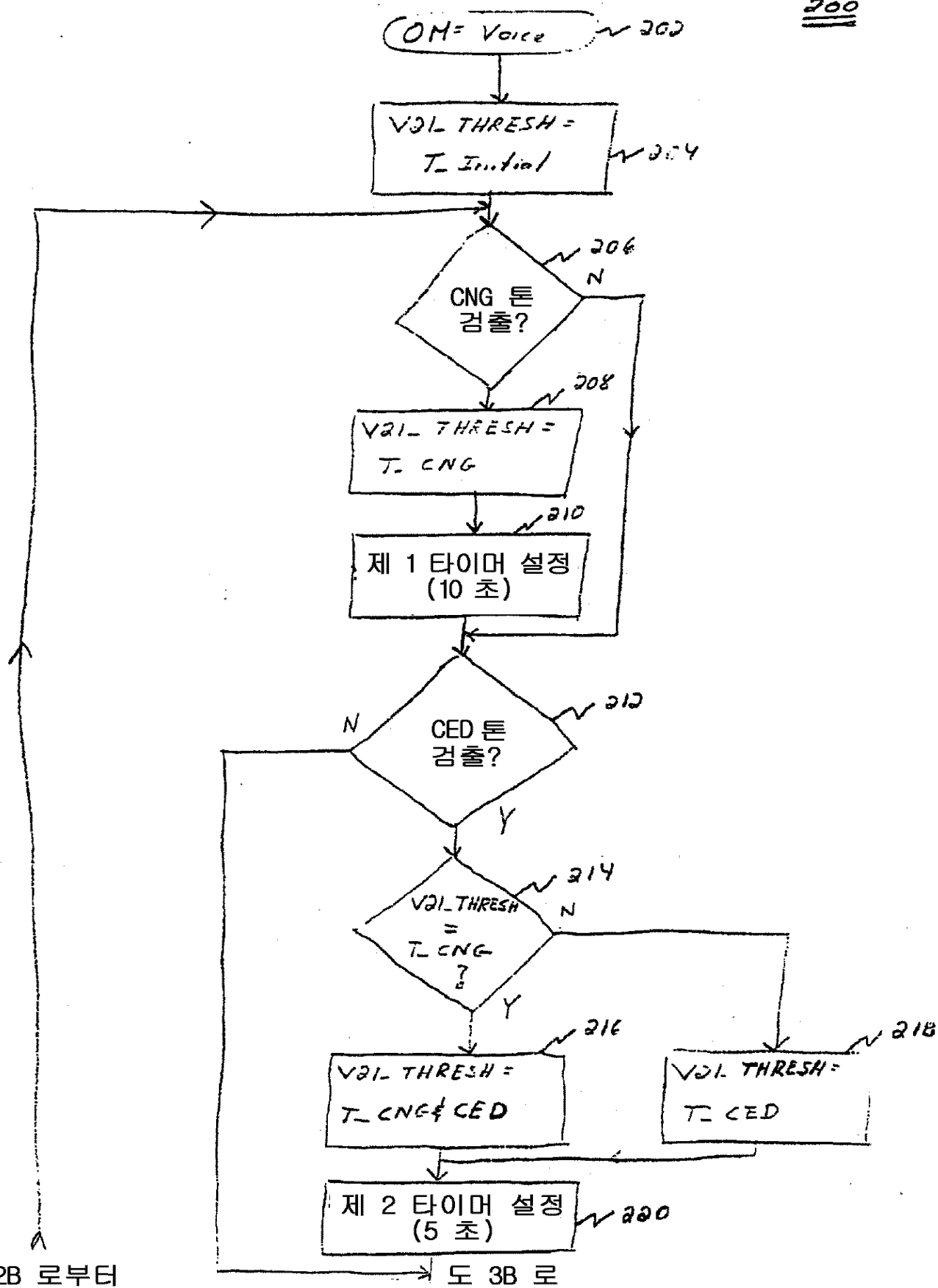
- (a) 1 ;
- (b) 1 ;
- (c) 1 2 1 , 1 ; 2 1
- (d) 2 ;
- (e) 2 3 2 1 , 3 2 , 2 ;
- (f) 2 4 3 1 , 4 3 , 3 ;
- (g) , 1 3 3 1 , ;
- (h) 1 ;
- (i) .

100



2a

300



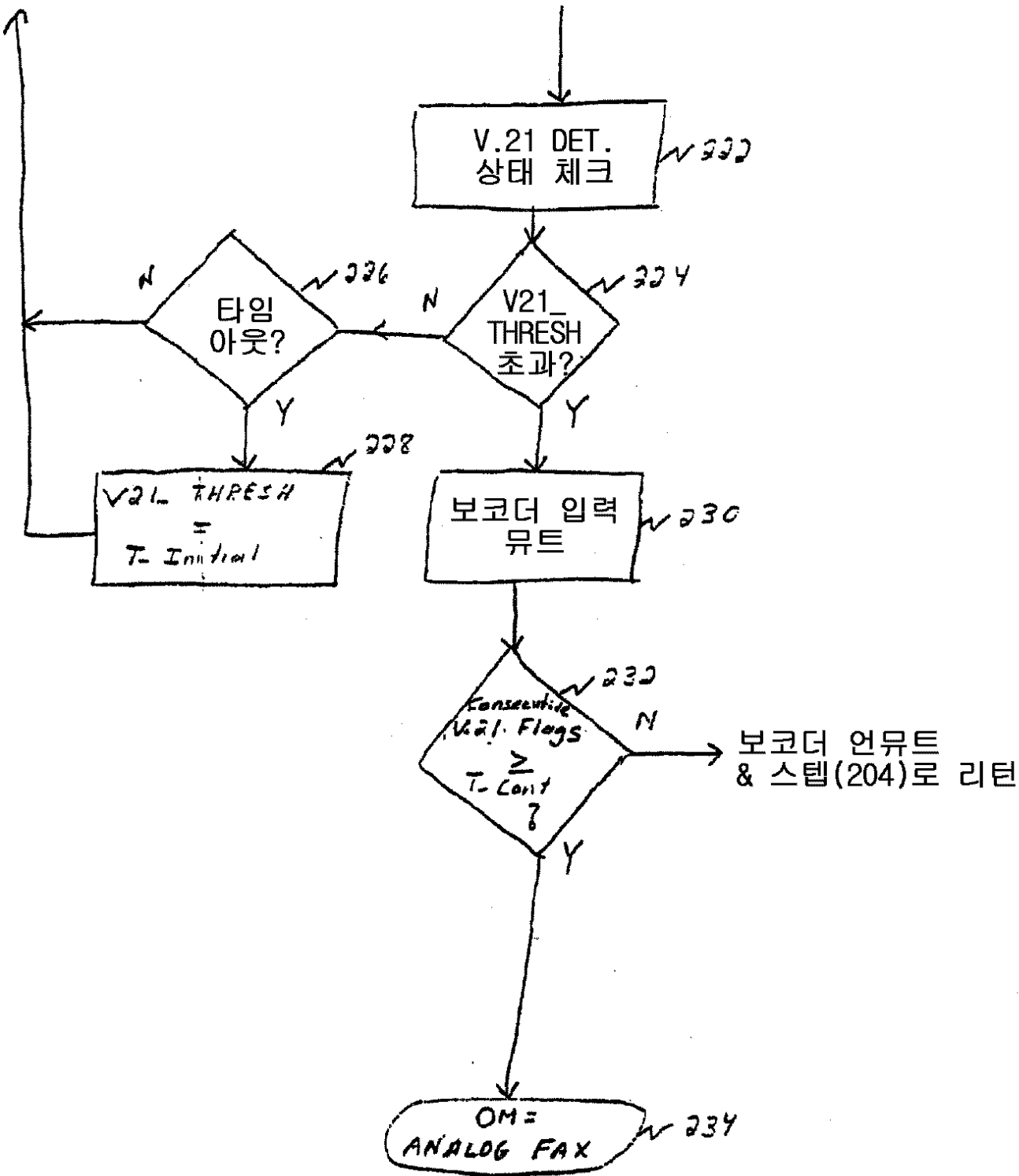
도 2B로부터

도 3B로

2b

도 2A 로

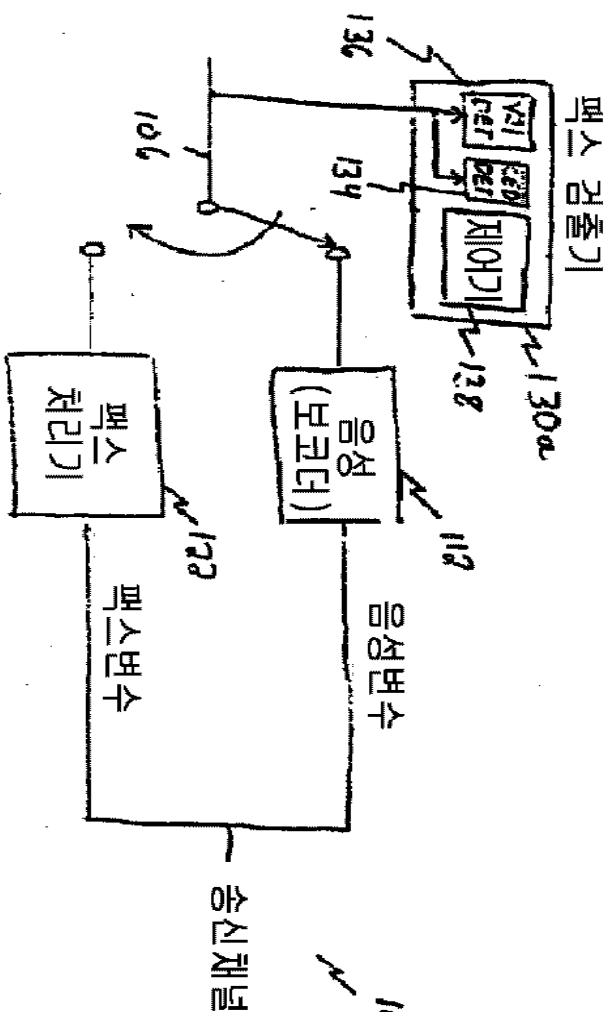
도 2A 로부터



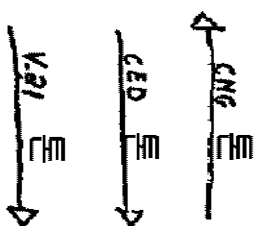
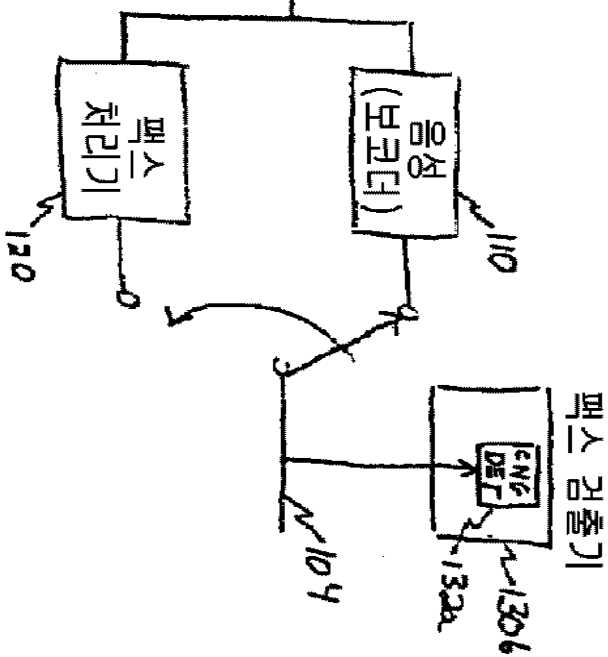
300

3

"호출된 팩스족"

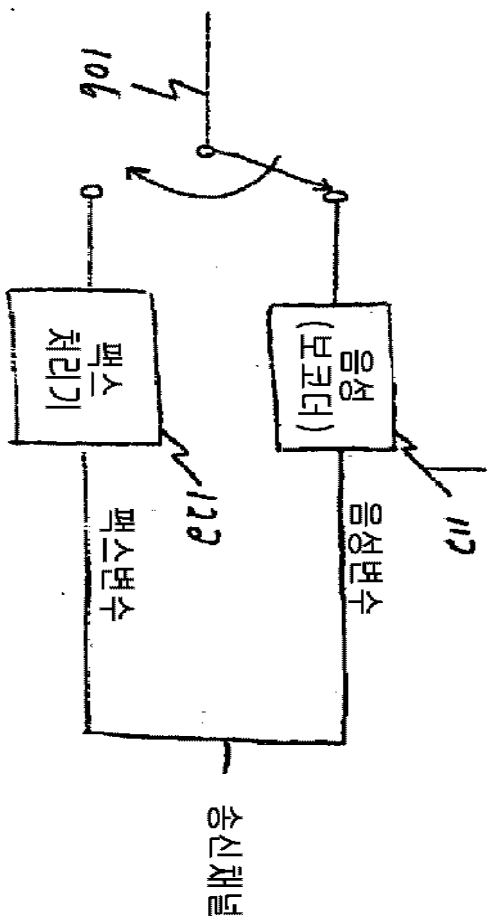


"호출한 팩스족"

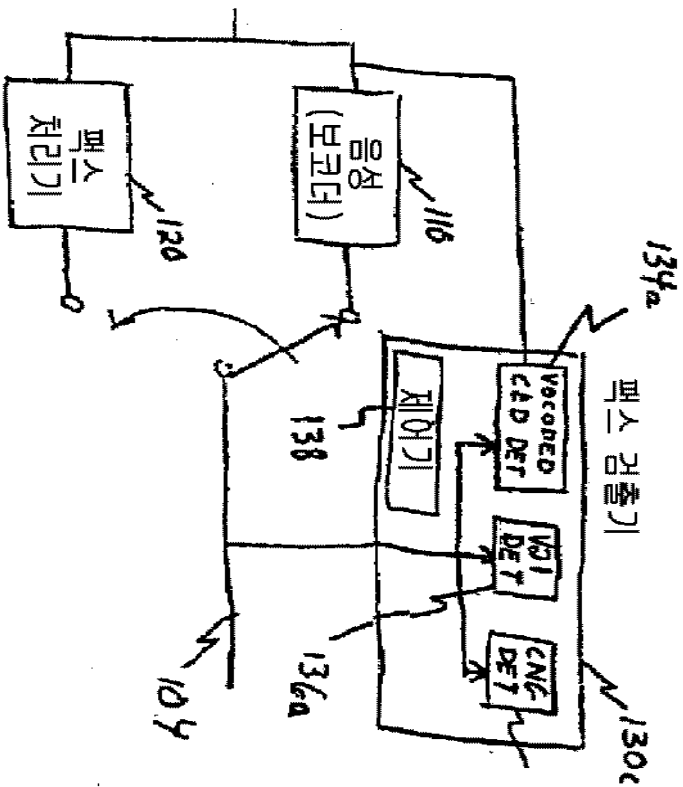


4

"호출된 팩스측"



"호출한 팩스측"



420

CNC 트

CAD 트

VOT 트