

(19) (KR)
(12) (B1)

(51) 。 Int. Cl.⁷
A61B 5/05

(45)
(11)
(24)

2004 12 03
10-0459903
2004 11 24

(21) 10-2002-0043926
(22) 2002 07 25

(65)
(43)

10-2004-0010893
2004 02 05

(73)

416

(72)

666-8401

185

708 301

112 302

933

103 1303

(74)

:

(54)

1

1
2
3
4a 4b
5a 5d
6

'ㄷ'

()

가

(, ,)

가

가

(

가

가

)가

()가

가

가

2

3

2

3

가

가

(

가

)

(

)

가

,

,

가

가

3(a) S-S 3(b) 4 2 3(a) 2 3(c) 3(d)

4a 4b 4a 4b

4a 0) (410), (420), (430), (440), (450) (430) (440)

(430)가 (430) 4

4a 4b 3 2 '□' '(' 가

5a 5d 4

5a (510), (520), (530), (540)

5b (550) (510) (512), (514), (516), (518) (512) (514) (514) (Op-Amp) 가

(512) (512) (514) (512) (516) (514)가 , 가 (518) (518) (520) , 가 (520) (530) 가 (530) (531), (532), (533), (534), (535), (536), (530) 가 (537) 가 (538) 가 가 (530)

(531) (532) 가 (532) (533) (532) (534) 0 0 가 0 DC

(533) 가, 가
 , DC AC
 (534) (535) (535) 가
 가 . 가
 (535) (536) (536) (536) phase detector
 bandpass highpass lowpass
 (537) (537) 가 , ,
 (537) (538) (540) (538)
 (540) (540) (550)
 5d (550) (551), (552), (554), (5
 57) (558) (556)
 (540) (551) (552) , (5
 552) 가 (552)
 , , , (554)가
 가 (556) (557)
 6 (558)
 6a , , , , , 6b
 , , , , ,
 [1]

[1]

Hand		Feet	
Measuring Point	Skin Resistance (100 k)	Measuring Point	Skin Resistance (100 k)
LU(H1)	1.53 ± 0.86	SP(F1)	1.37 ± 0.84
LI(H2)	1.42 ± 0.87	LV(F2)	1.55 ± 0.95
CI(H3)	1.35 ± 0.86	ST(F3)	1.35 ± 0.92
EN(H4)	1.33 ± 0.85	GB(F4)	1.49 ± 0.01
HT(H5)	1.41 ± 0.88	KI(F5)	1.58 ± 0.02
SI(H6)	1.61 ± 0.93	UB(F6)	1.53 ± 0.86

(±)
 [1]
 $\chi^2 = 42.67, df = 5, P < 0.001$), SI 가 , LU -LI -HT -EN -CI (x
 가 (x $\chi^2 = 18.06, df = 5, P < 0.01$), KI
 , UB -LV -GB -SP -ST
 2 3 4
 가 4
 가

(57)

1.

2 3 ,
4 ,
4 ,
4 .

2.

1 , 1 , 1 1
2 1 , 1 2 3
4 .

3.

1 , 1 2 , 2 1 3
1 , 1 1 , 1 2
1 , 1 2
1 2

4.

1 , 1 2 , 2 1 3
1 , 1 2 , 3 4
3 , 3

5.

1 , 1 , 1 2
1 , 1 2
1 2

6.

1 ,
3 , 3 , 4
7.
1 ,
8.
1 , 1 ;
2 1 , 1
1 , 가 1 , 1
2 , 2 , 2 ,
가 , 2
1 2
9.
10.
1 7 , ;
가 , ;
가 , ;
11. 7 , ;
3 , 4 ;
; , DC ;
; ;
12. 7 , ;
13. ,
가 , ;
; ,
가 ;
14. 13 , 1 , 1 2 ,

, 1 1 2

15.

13
1 , 1 2 , 2 1 3
1 ; 2 1 , 1
2 1 2

16.

13
1 , 1 2 , 2 1 3
3 ; 3 , 3
4 ,

17.

13
 , 1 1 2
 , 1 2

18.

13
 , 3 , 3
 , 3 4 ,

19.

15 18 ,

20.

15 18 ,
2 1 ;
1 , 1 1
가 , 1 ,
2 , 2 , 2 ,
가 , 2 ,
1 2

21.

14 18 ,
5mm

22.

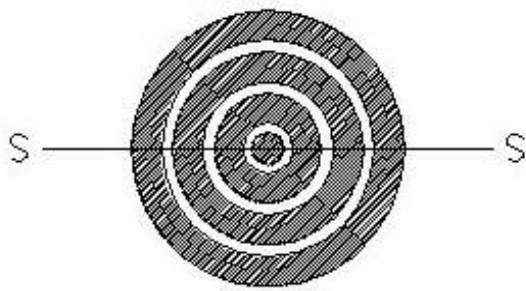
13 , ,

23.

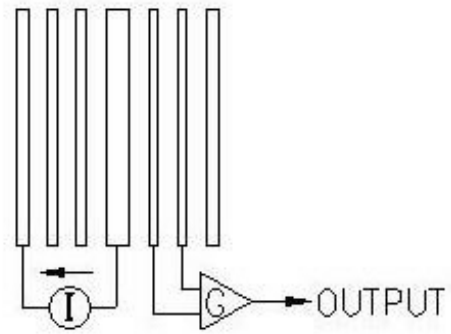
24.

22 ,
5mm

1



(a)



(b)

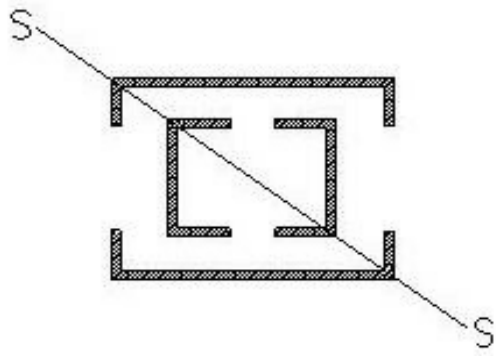


(c)

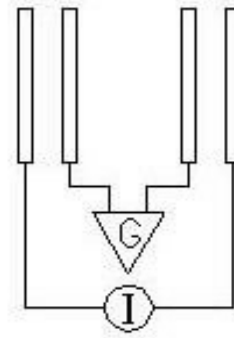


(d)

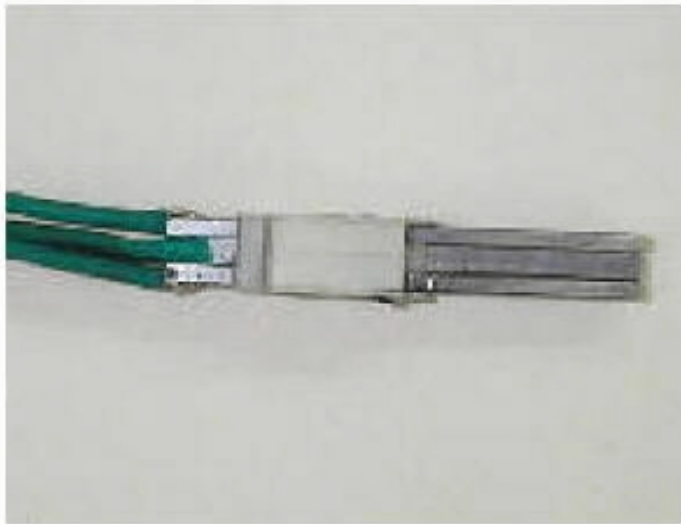
2



(a)



(b)

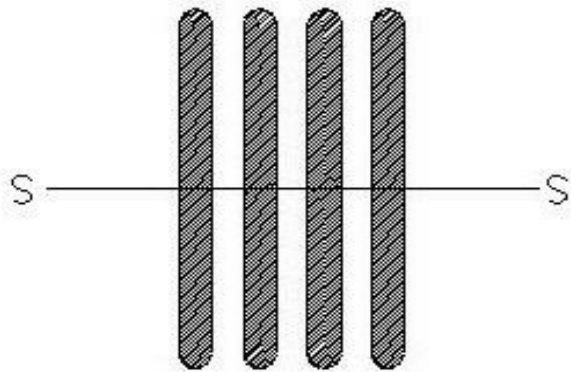


(c)

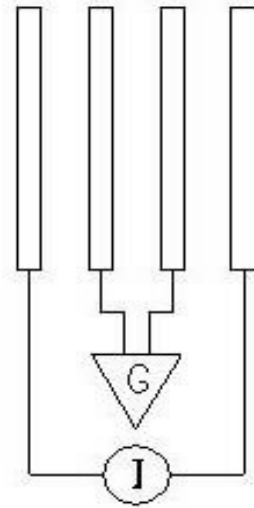


(d)

3



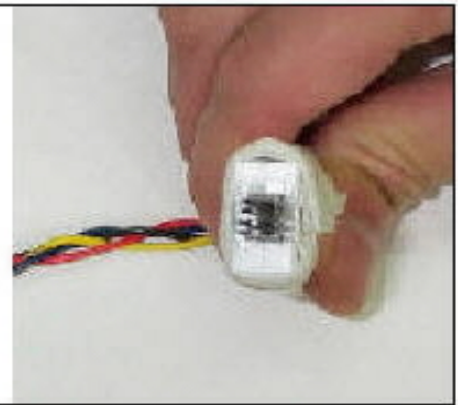
(a)



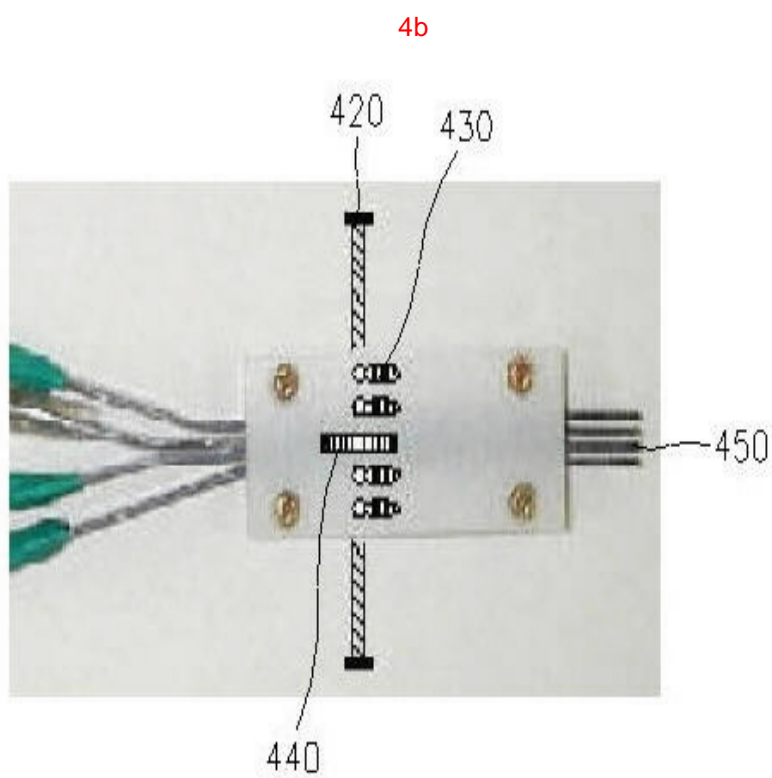
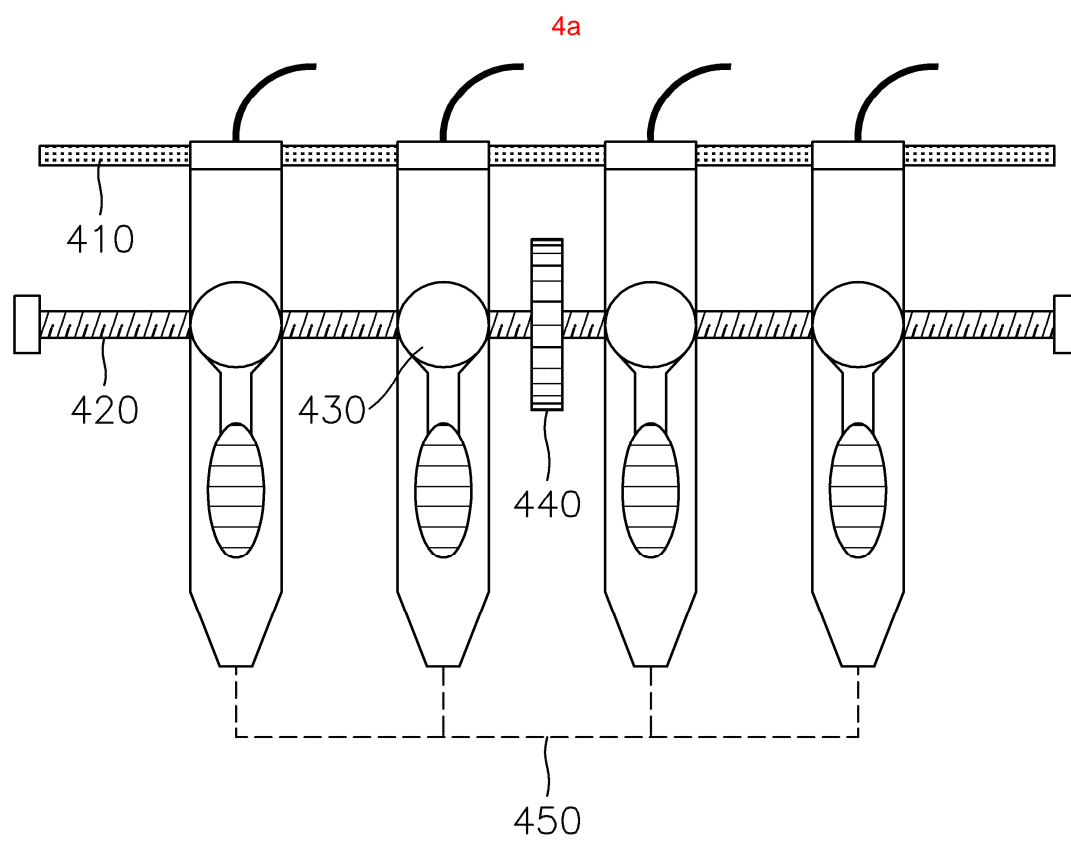
(b)



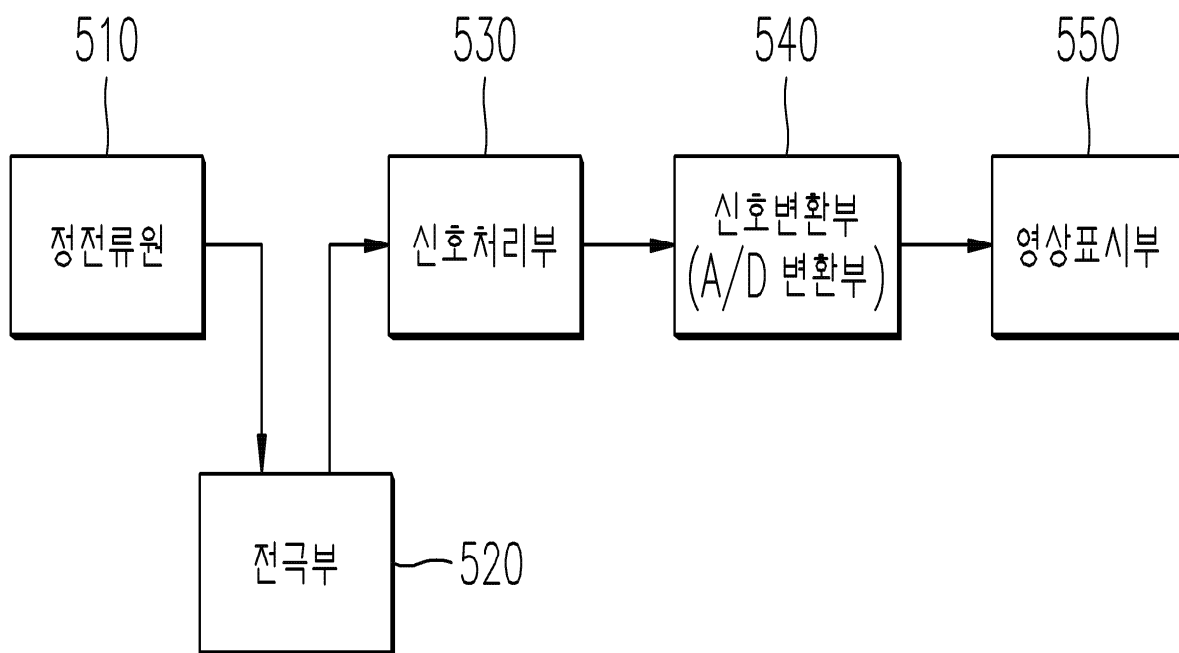
(c)



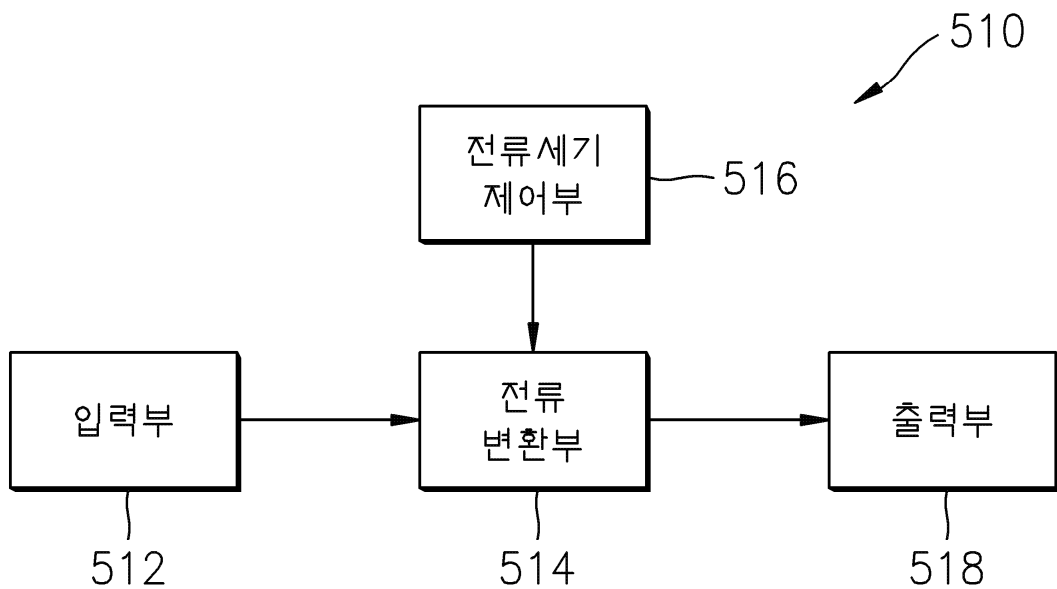
(d)

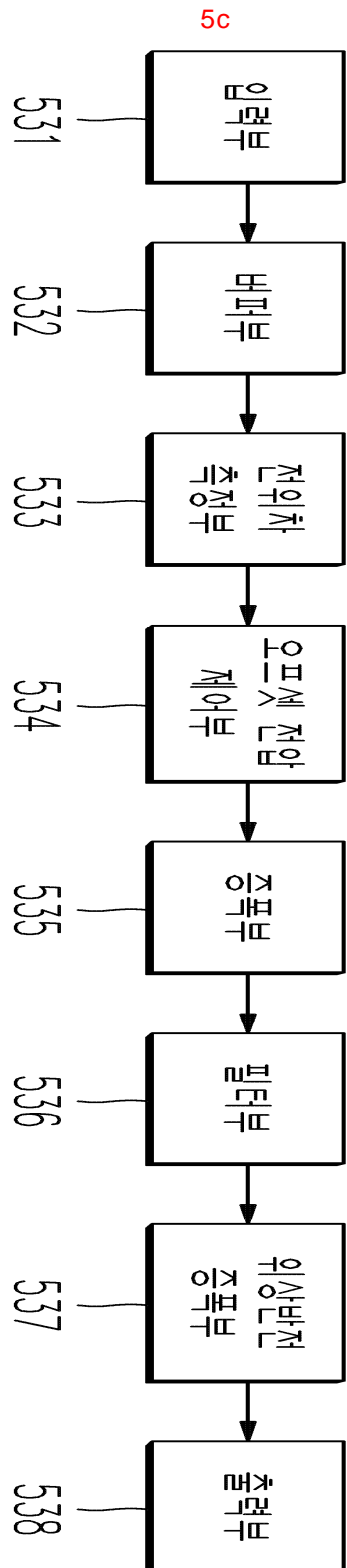


5a

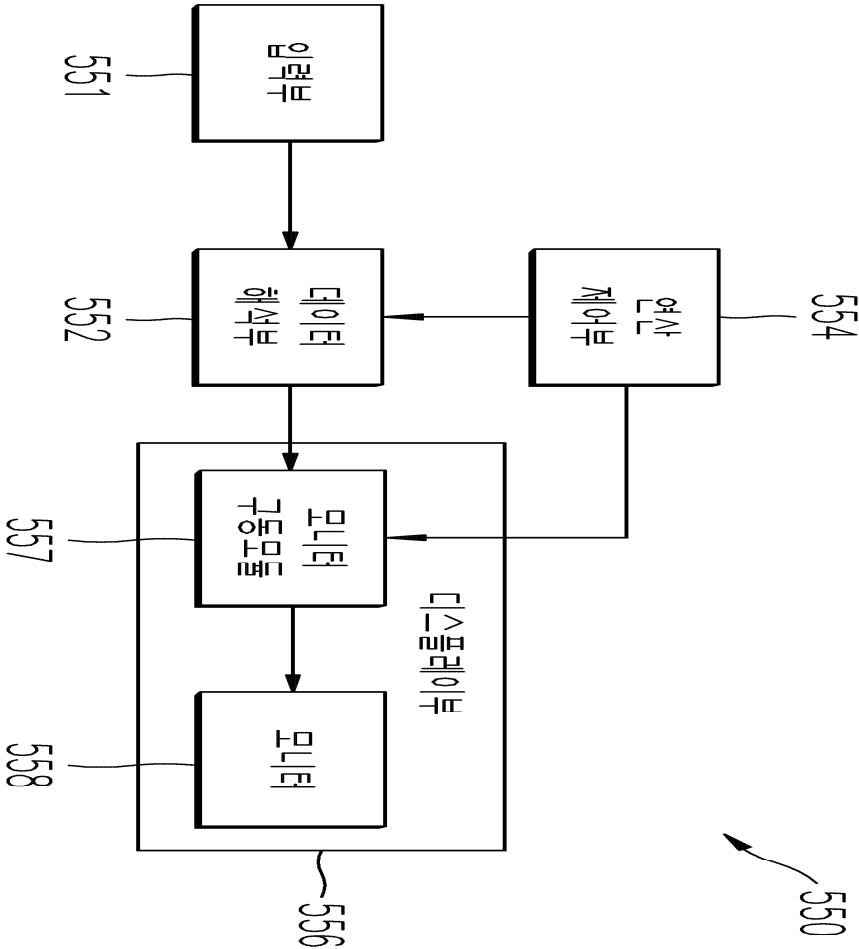


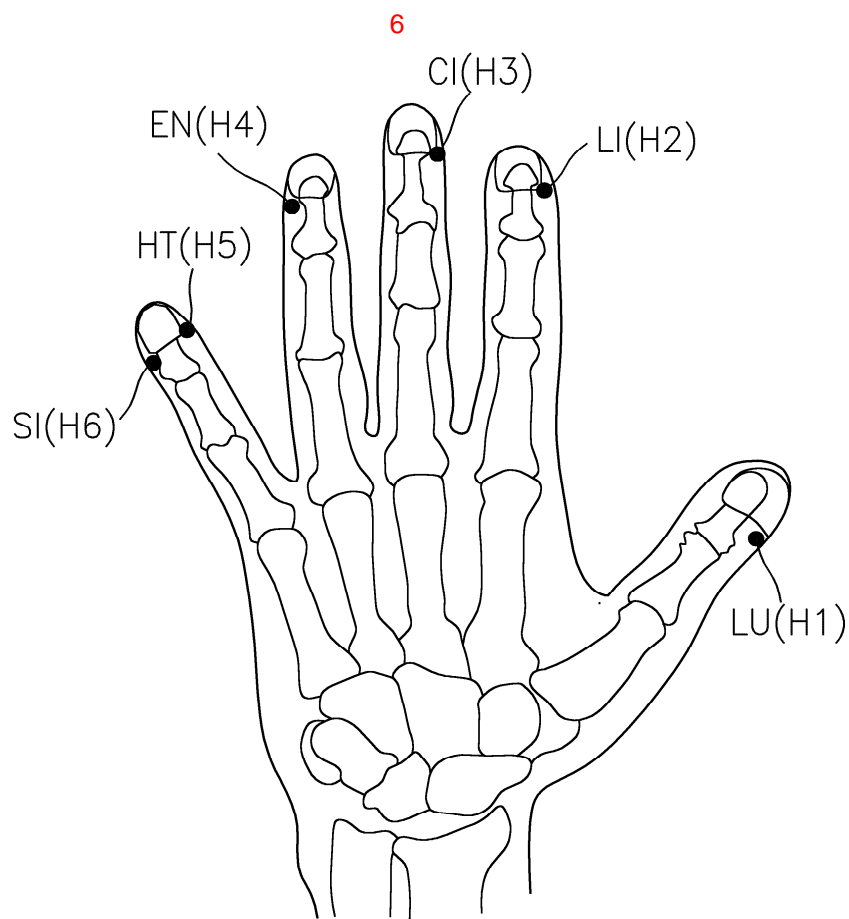
5b



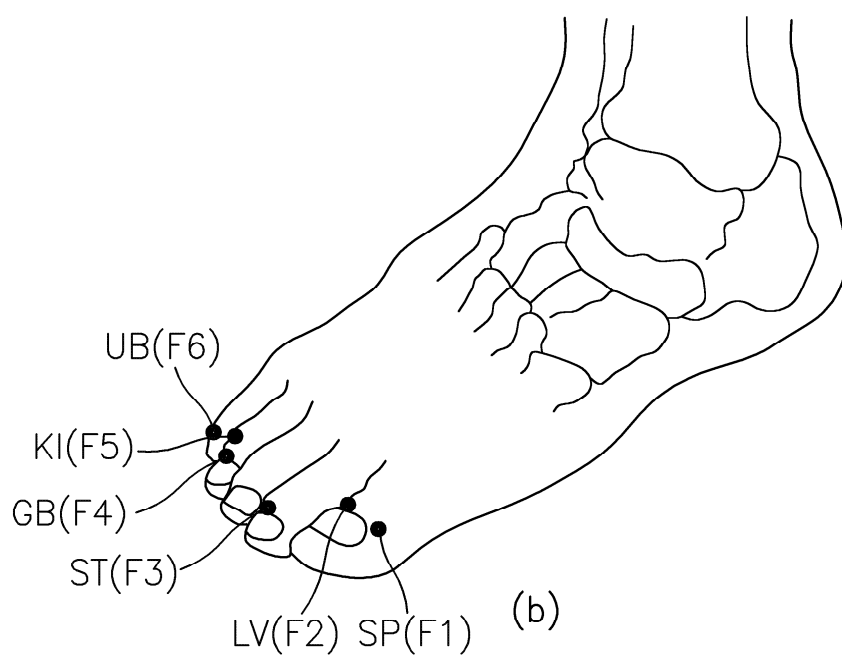


5d





(a)



(b)