

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl.7
A61H 5/00

(11)
(43)

10-2004-0010139
2004 01 31

(21) 10-2003-0046361
(22) 2003 07 09

(30) 91116074 2002 07 19 (TW)
92109252 2003 04 21 (TW)

(71) - 100 - 1 143 2

(72) - 100 - 1 143 2

(74)

:

(54)

,

2 가 가 , 1 가 , 1
1 2 , 2 , 1 2
1 2 , 1 2

7

1 가
2 가 가
3
4

5

6 1

7 1

8 2

9 2

10 9

11 3

12 3

13 12 ,

14 , 4

15 4

16 5

17 5 가

18 6

19 6 , 가

20 7

21 8

22 8

23 9

24 10

25 10

26 11

< >

A. B.

C. D.

900. 902.

10. 16.

15. 12.

13. 11.

17.

가 . 6
 2 , 2 (abd
 (adduct). , 2 (abd
 n)' , 2 (accommodatio
 가 , , , , ,
 가 가 , , , , ,
 2 가 가 '() , '((axial)) , 가
 , 가 가 , 가 ,
 가) , 가 가 (,
 (humanoid) , (default)
 가

가 , 가 . , , .

가

가 (, 가)
가 (,)

(,) 가 ,

가

가
가

2

2

가

가

가

가

가

가

가

가

가

가

/

10 30

가,

5 20

가

가

2

가

가

1

2

2

1

1

2

1

2

1 4

1

(B)

(A)

(C)

(A)

(A)

(A)

(D)

(E)

(C)

(D)

3

(E)

(E)

가
(C)

2

5
902)

(900)

1
(902)

2
(A)

900

(C)

(E)

(A)

(902)

(A)

가

(C)
(C)(E
(base in)

(E)
가

(A)

2

(base out)' (base down)' (900)가 (A)

가 가 가 가

(A) (C) 가 (E) 가 가

(902)가 (A) (C)((900) (E)) (E) (C)가

가 가 가 가

E)가 (E) 가 (, -) 20 (C) (C) (C) (E)

가 (E) 가 (, -)가 10 (C) (E)

(C) (E) 가 10 30 가 10

가 30 30 가

(C) E)가 5 20

/ 가가

가

: 4 - 10 ()

: +1.0 - + 3.0 ()

가 3 가

: 3 - 8 ()

: +0.25 - +0.75 ()

가 가 (exophoria)

(esophoria) 가
가

+ 0.25 +3.0

(fogged vision) +

0.25 + 0.75

, 50 cm (900) : 100 cm ÷ 50 cm = 2.0

+ 2.25 + 2.75

33 cm (900) : 100 cm ÷ 33 = 3.0

+ 3.25 + 3.75 가

(902) (900) , , 5

가

6 , 7 900A 1 (900A) (902) (A) 2

(16) (10) (12) ()

E) (16) (100) 가 (C) () (E)가

(16) (12) (E)가

(E) (11) (11) (11) (12)

(11) (13) (14) (15)

4) (11) (14) (11) (13) (141) (1

(15) (151) () (15)

(14) (E) - - (11)

가

8 10 2 가

() 900B (900B) 2 (C)가 2

(swing arm, 112) (10) (C) 가

(E)가 (11) 가 (171) (112) (112A)

(171) (17) (15A) ()

(112A) (15A) (112) (112)

(E) 9 - , 10

(offset)

(15A) (141) (151) 가 (141)

(17) (112) () (171))

11 13 3 가

900C (900C) 2 (10)

(11) 2 (C)

1 (11) (C) - 1 - 2 ()

(12) ()

1 (15) (151,141) (14) (14) 1 (11)
 ()
 (12) (112A) (10) 가 (E)가
 2 (11A) (171) (112) (112A)
 (171) (17) , () 2
 (15A) (15A) (112) (112A)
 (E) 12 (base-in) 13
 (offset) - (base-out)
 14 , 15 4 가
 900D (900D) (902)
 (10) , (10) 가 (101) ,가 (101) (101)
 ,가 (101) 14 가
 15 , 14 (10)
 .가 (101) ,가 (101) (10)
 ,가 (101) 14 , (10) 15
 가 (101) (A) 2 ()
 - (E) 가 (101) , -
 (E) (A)
 () (15) (10) (152)
) (142) 가 (101) ,가 (152) (15)가 ()
 152) , (142)
 16 , 17 5 가
 900E (900E) ()
 (10) , (10) 가 (101) ,가 (101) ,가 ()
 101) (10) 16 ,가 (101)
 (10) 17 , (10)
 (10) (D) 2
 .가 () (10) (D) (1)
 가 (101) 2 () (C) (C) - 가
 () (15) (10) (152)
 가 (152) (153) 가 (101) ,가 (152) (101) , (15)
 (10) (153)
 18 , 19 6 가
 900F (900F) , ()
 2 (10) 가 (18) - 2 (E)가 (10) ,
 (10) 가 (18) ,가 (18) - (E)가 ()
 - (E)가 (16) (16) 18 가 (101)
 (16) 19 (10)
 (183) (19) , (19)가 () 가 (18) (19)
 (10) (182) , (183) 가 (183) (18)

183) , (183) (181) (183) (182) (

, ,가 (18) (183) (183)

20 7 가

(A) 900G (900G) (902) (F) (10) (F)

(10) 2 (2) (10) (2)

() (C) (C) - , - (2)

(2)가 (bore) (21) (D) (21)

(D) (D) (3) (D)가 (10)

(D)가 (C)가 (2)가 1

cm 가

(4) () (5) (10) 가

(4) (2) (spur gear, 41) (2) (D)

(3) (3) (2) (22) (2)

(C)

7 8 (D) +10 +13 (C)

4 8 (F) -10 -13

21 22 8 가 (502)

900H (502) 2 (504)

가 (508) (506) (504) (502)

(508)가 (506) (506) (508)

(502)

(508)가 (506)가 (506) (506) (506)

(510)가 가 (506) (506) (506)

(506)

1 2

가 (506) 1 (512) 2 (514)

1 (512) (502) 2 (514) (502) 2 (514) (504)

514) 1 2 (514) 2 (512,514) 2 (514) 2 (

16) 2 가 (514) (502) 2 (513) (5)

(510)가 2 (514)가 (518), 2 (516)가

(510) 2 (514) 1 (512) 1 (516) 2

2

(510) (508) (520) 2 (514) 가

(518)가 (520)가 (522) (520) (520)가

(520) (508) (508) (520) ,가 (522)

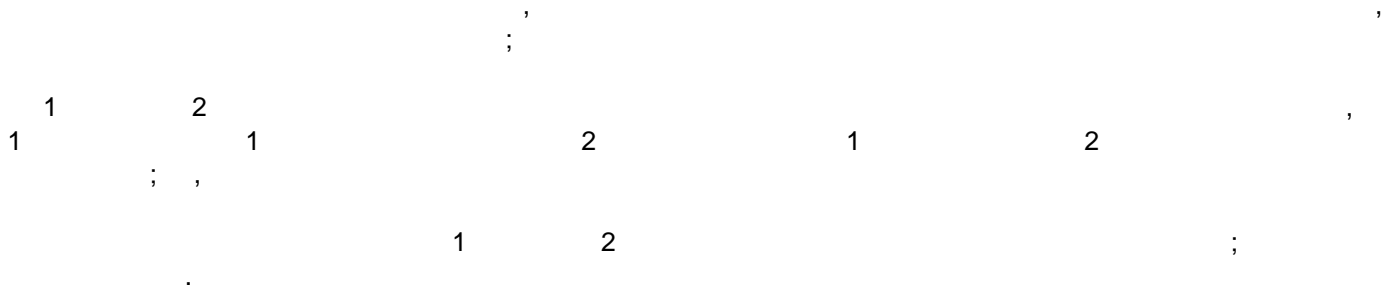
) (520) 1 2 (512, 514) (520) ,

(506)

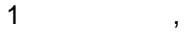
506) 2 (512,514) (524)가 1 2 (512,514) 1 ()가
 가 (516) 2 (514)
 23 9 가
 900J (504) (502) (900J) 가 (900H) ,2
 (626) (626) (626) (504) 가 (506)가
 (626) 2 (514) (502)
 24 , 25 , 10 가 (302)
 900K (302) 2 (304)
 가 (308) 가 (306) (304)
 (308) 가 (306) (306)
 (302) (308) 가 (306) 가 (308)
 (308) 가 (306) 가 (306) 가 (306) (306)
 (310) 가 (306)
 (306) 가 (306)
 1 2
 가 (302) (306) 1 (312) 2 (314) 1 (312)
 (308) , 2 (314) 2 (302) (304)
 2 (312, 314) 2 (314) , 2 (314) 1
 (302) , 2 (314) (316) , 1
 2 (312, 314) 1 1 2 2
 (310) (308) (320) (320) (320)
 30) () , (320)가 (308) (3)
 (324) 1 2 (312,314) 1 2 (31
 2,314) 가 가 (330) , 1 2 (312, 314) (330)
 (330) 가 (328) (316) , 1 2 (312, 314)
 (314) 1 (312) (316) , 1 2 (312, 314)
 (330) 1 (306)
 (330) 1 2 (312, 314)
 26 11 가
 900M (304) (302) (900M) 가 (900K) ,2
 (426) (304) 가 가 (306)가
 (426) (426) 2 (314) (302)

(57)

1.



2.



3.



4.



가

5.



1 cm

6.



7.



1 cm

8.



가 가 , 가 (bore)

1 9.

가 가

9 10.

가 가 가

10 11.

1 2

11 12.

가 가 가 가 가

12 13.

1 1 2 1

1 14.

1 2

14 15.

2 2 2 2

14 16.

가 , 2 1 , 2 2 가 .

17. 1 ,

가 1 가 , 2 가 .

18. 17 ,

19. 18 ,

20. 19 ,

21. 1 ,

1 2

22. 21 ,

1 5 20 , 2 10 30 .

23. 1 ,

24. 1 ,

25. 1 ,

(1) 26. 1 가 1 , 1 ;

(2) 2 2 1 ; 2 , 1

(3) ; , 1 2 1

(4) (2) (3) .

27.

26 ,
2 , 1

28.

26 ,
1

29.

26 ,
1 5 20 , 2 10 30

30.

26 ,

31.

,
 ; ,
 가 ,
 1 ,
 , 1 1 2 1 2 1 2 , 1
 ; 1 2 가

32.

31 ,
2 1 2

33.

31 ,
1 2 , 1 2 가

34.

31 ,

2 1 1 2

31 35. ,

31 36. ,

1

32 37. ,

1 2 , 1 2 가

32 38. ,

2 1 2 1 가

38 39. ,

2 , 가 2 가 2

39 40. ,

40 41. ,

40 42. ,

1

37 43. ,

2 1 2 1 가

44.

43

,

2

,

가

2

가

2

45.

44

,

,

,

46.

45

,

47.

45

,

1

48.

37

,

2

가

,

,

1

2

2

가

49.

48

,

,

가

,

50.

49

,

,

,

,

가

51.

50

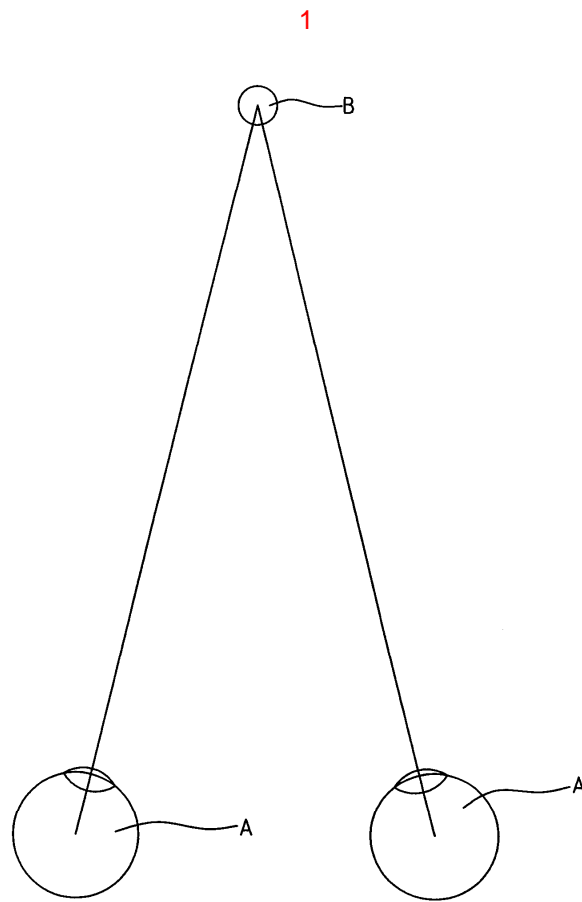
,

52.

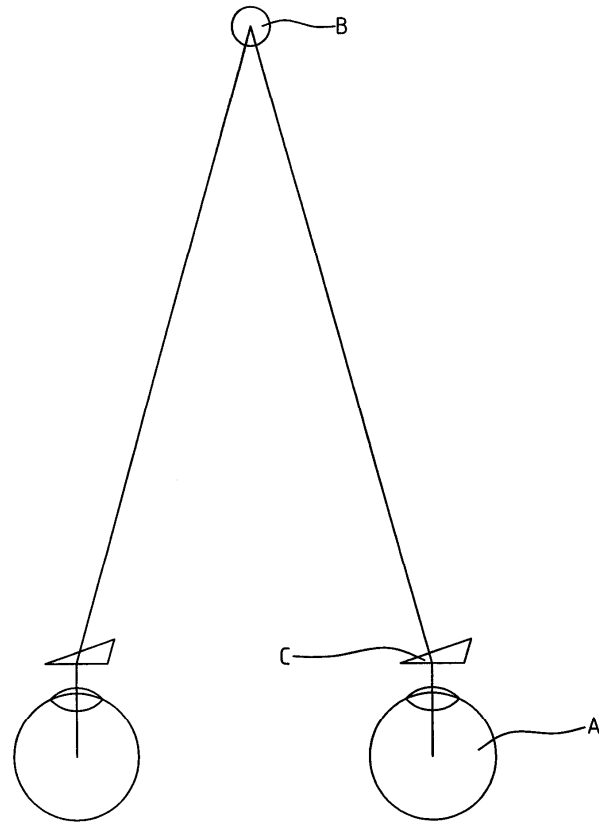
50

,

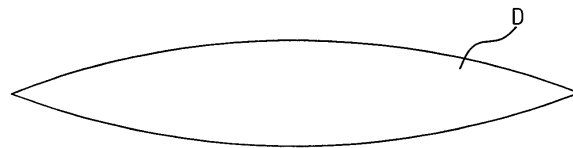
1



2



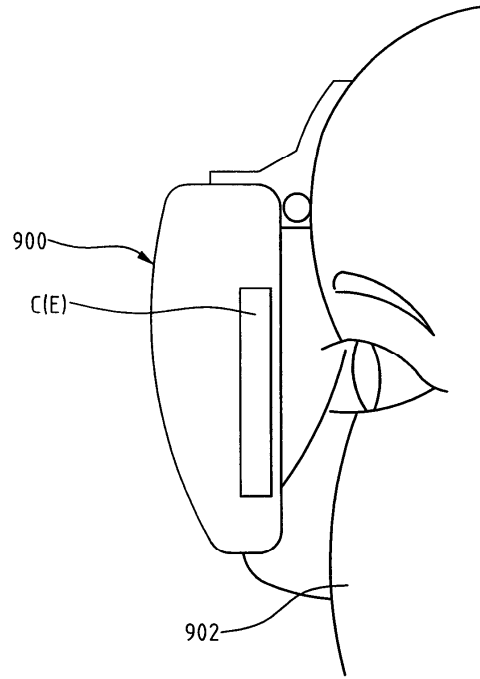
3



4

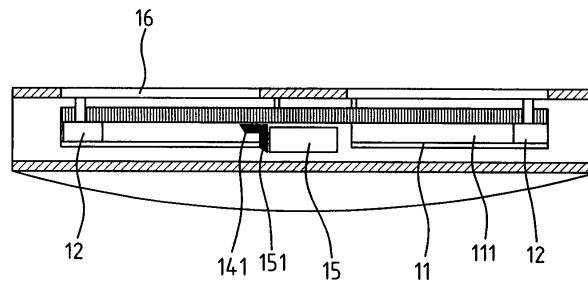


5



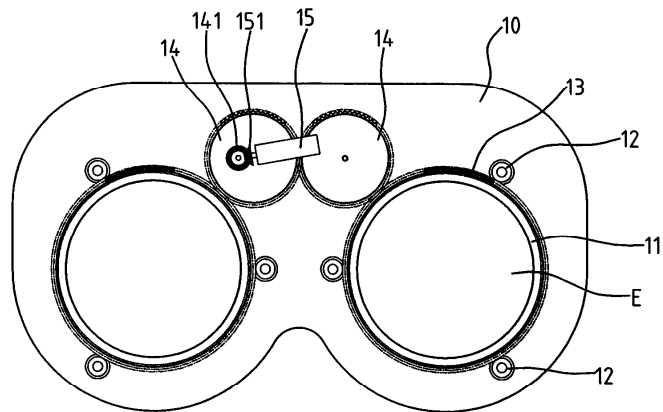
6

900A

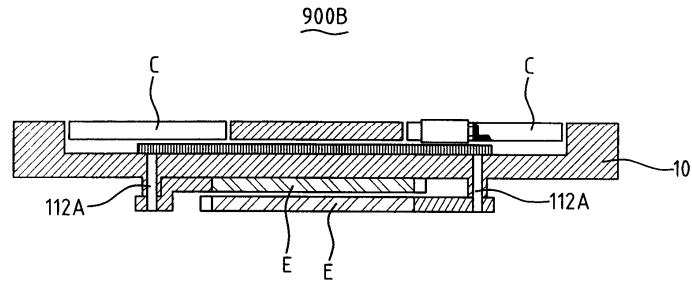


7

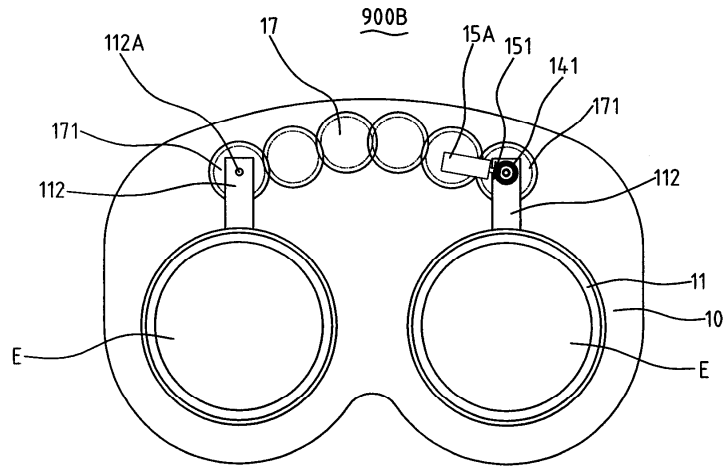
900A



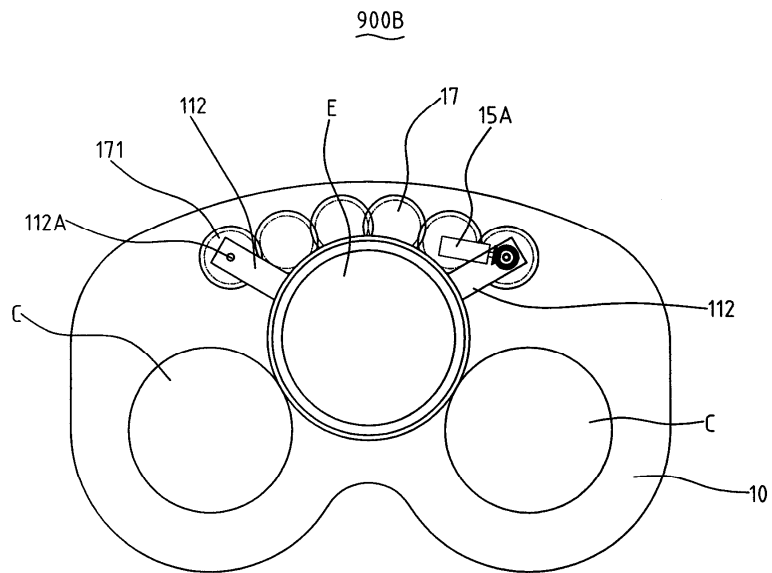
8



9

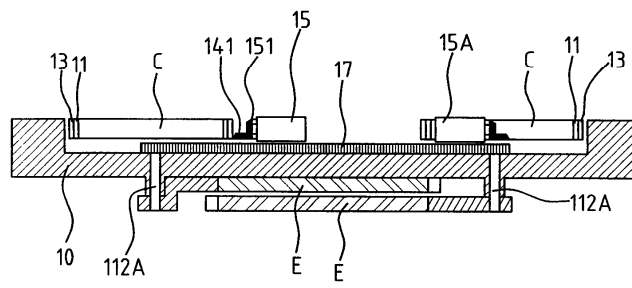


10



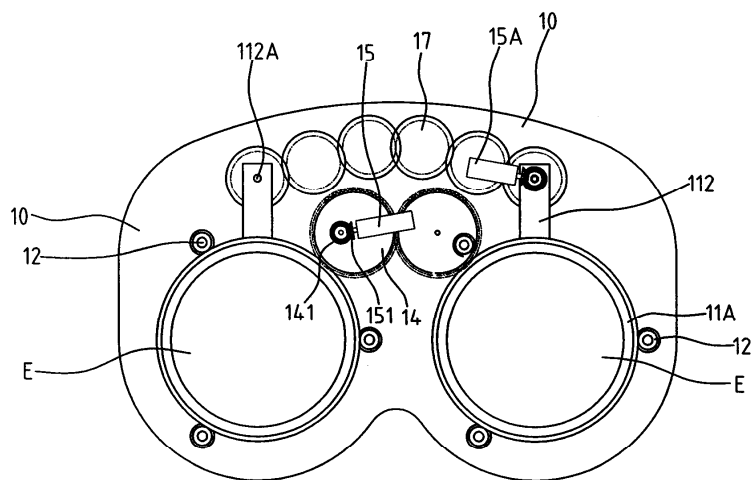
11

900C



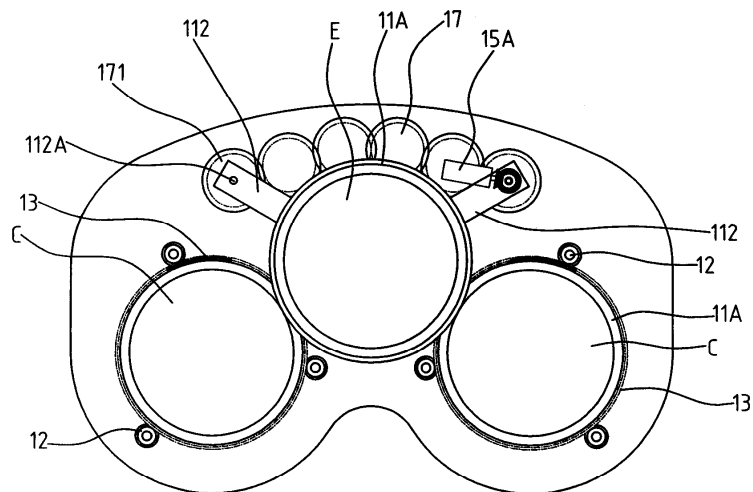
12

900C

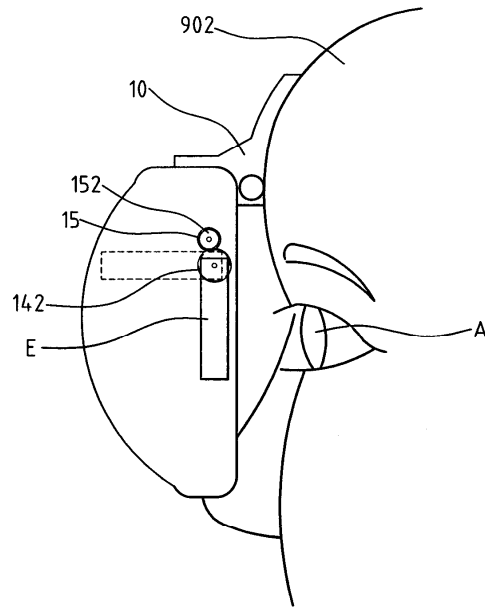


13

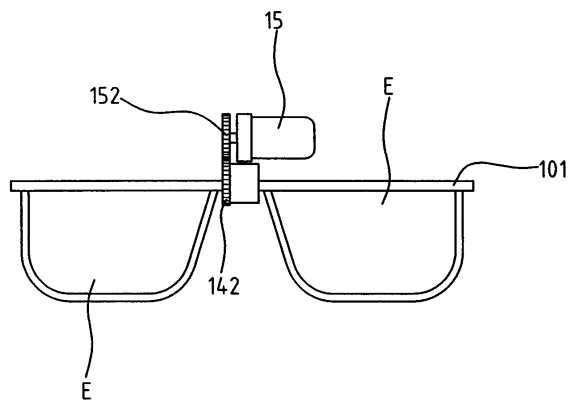
900C



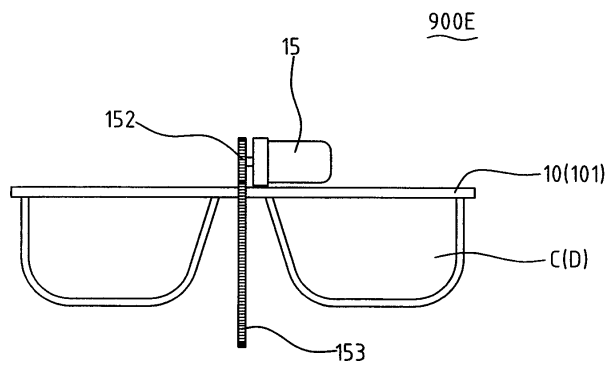
14



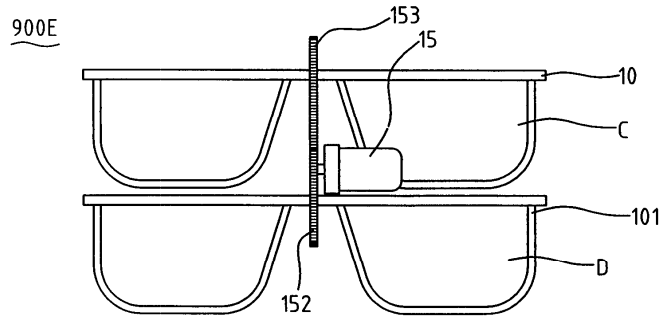
15



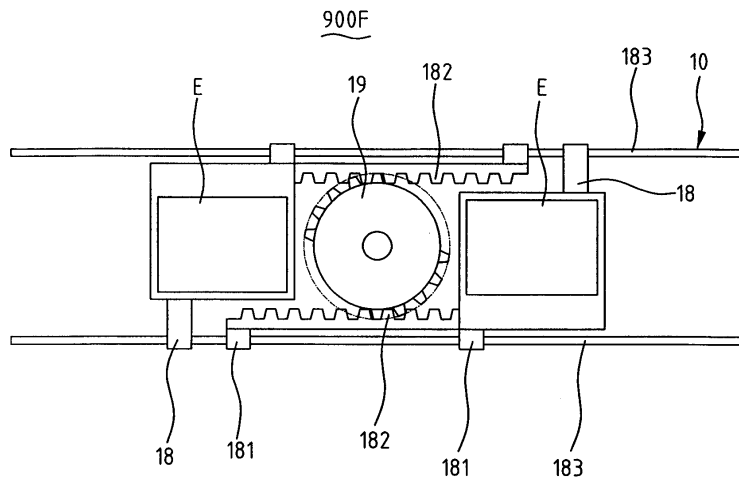
16



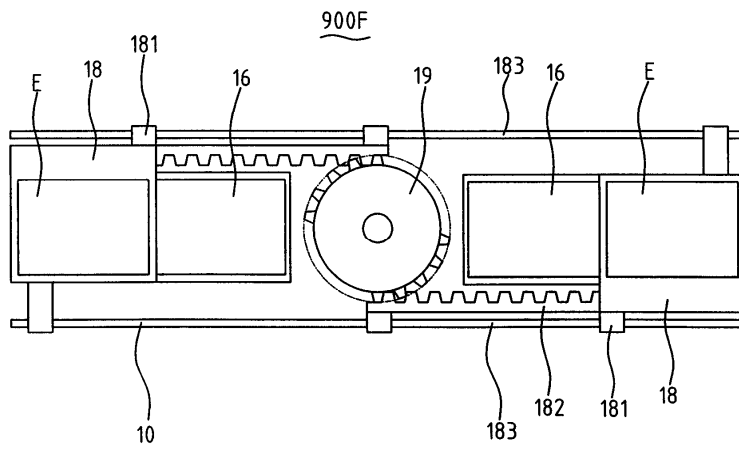
17



18

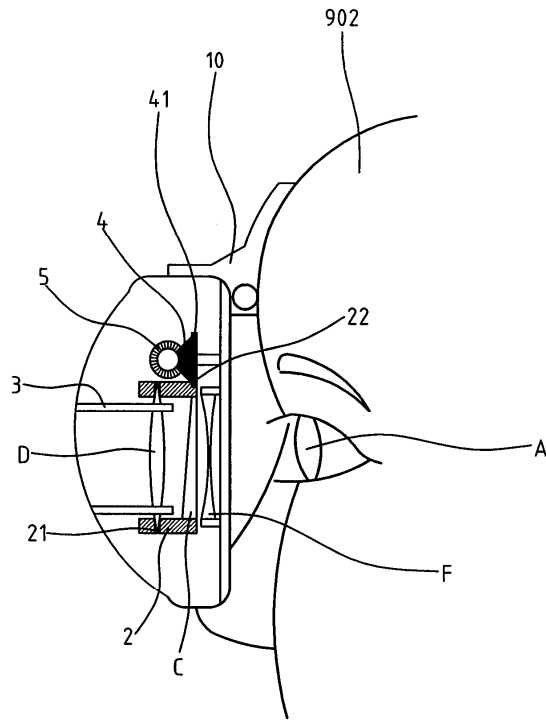


19



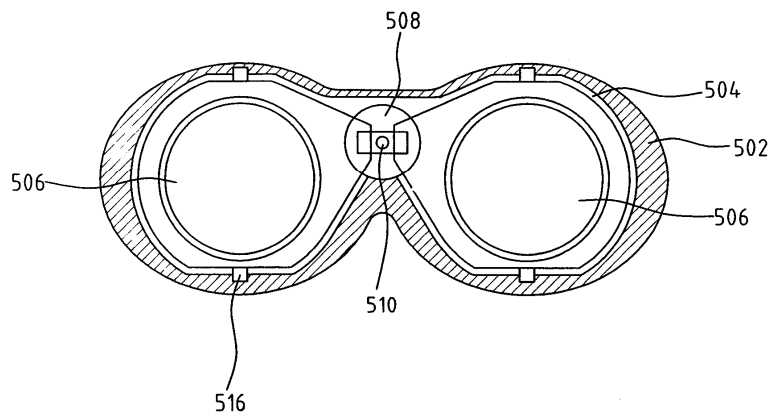
20

900G



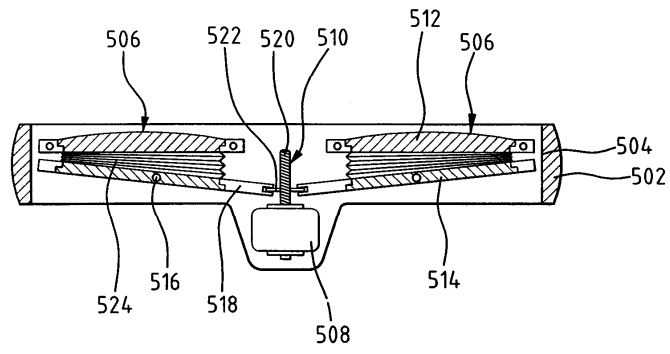
21

900H



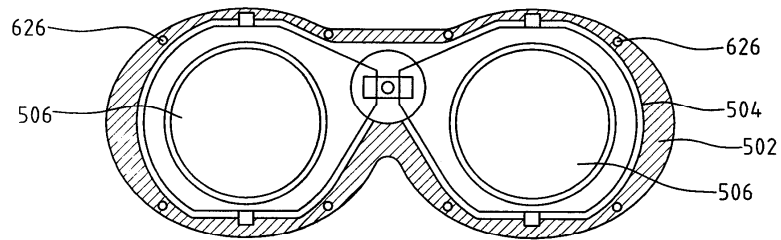
22

900H



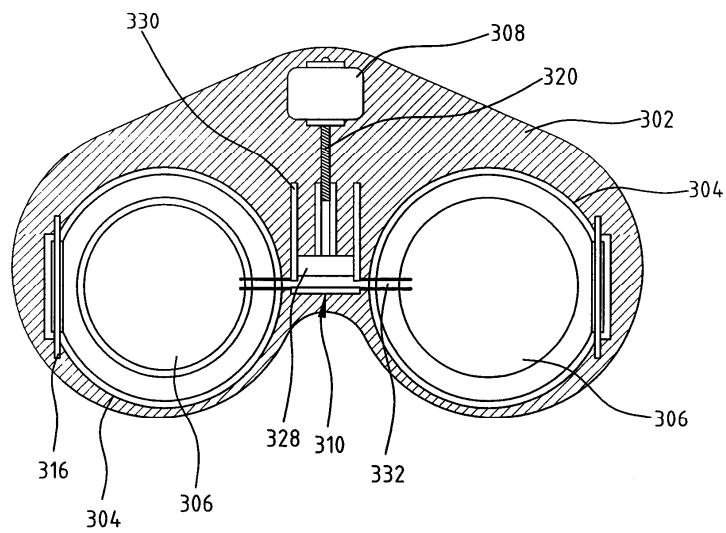
23

900J

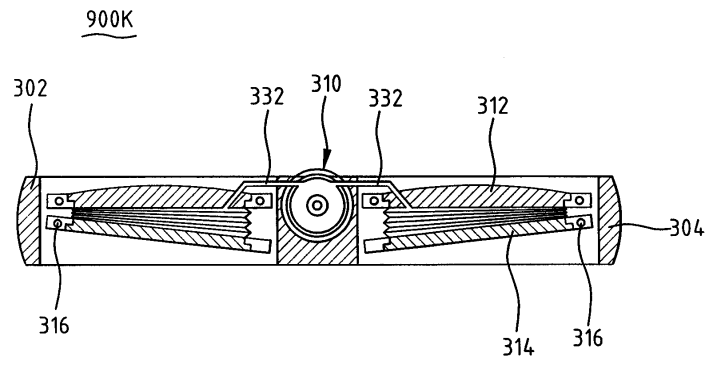


24

900K



25



26

