

(19)  
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(KR)  
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(43)

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(21) 10 - 2001 - 0039620  
(22) 2001 07 03

(71) 365 15 506

(72) 365 15 506

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(54) /

( ) , / ,

(20) (球) ,

(40)(42) (30) (C1) ,

(22)(24) (50)(60) , (22)(24)

(50)(60) (40)(42) (50)(60)

(70) , (70) (50)(60)

(30) , (30)

(80) .

6

, , , , , , , ,

- 1 /
- 2 /
- 3 /
- 4 /
- 5 /
- 6 /
- 7 /
- 8 /
- 9 /
- 10 /

가

가

가

가

\* \*

20 : 30 :

C1 : 40,42 :

50,60 : 70 :

80 : 22,24 :

/ , ( )

/ .

, .

,

, , , , ,

, 가

, 가

가 가 , 가 가

, 가 , 가

, 가 ,

/

(球)

1 9 (20) (球)  
(50)(60) , (50)(60) (70)

(50)(60) 1 2 가  
가 (52)(62) (52)(6

2) (50)(60)  
(22)(24) (70) (54)(55)(64)(65)

(50)(60)

(54)(55)(64)(65) (50)(60) (50)(60)  
(90)

(50)(60) 가  
(40)(42) " V" (40)(42)  
(70) (22)(24)

(50)(60)

(40)(42) (30) (C1)  
(30)가 (50)(60)가

d) (50)(60) (54)(55)(64)(65) (PCB; Printed Circuit Boar (50)(60)  
(50)(60) (80) (50)(60)

(50)(60) (90) (50)(60) (50)(60)  
(50)(60) (54)(55)(64)(65) (52)(62)가 (90)  
(50)(60)

(20) (50)(60) (50)(60)  
(50)(60) (52)(62)

(20) (50)(60) (52)(62) (52)(62)가  
(20)가

(70) (50)(60)가 (40)(42)  
(50)(60) (50)(60)  
(22)(24)

(70) (50)(60) (30) " ON" " OFF"  
(50)(60) (54)(55)(64)(65)

6 (80) (5  
0)(60) (54)(55)(64)(65) (54)(  
55)(64)(65) 가 가 " ON," OFF" (80) (IP1) (30) 가  
(80) 가 가  
(CPU), (ROM), (RAM), / 가  
(50)(60) (R) (80) (IP0) (R)  
(60) (30)가 ( ;가 , )  
(30) (50)(60)가 " OFF"  
(80) ( ; 10 ) (30)

10 6 10 (30) " ON" (80)  
 10 S10 , 10 S11 (IP2) /  
 가 가 , (IP2) 가 (" )  
 0" )  
 (" 1" )

/ (30)가 가 , (80) 10 S12 (IP1)  
 가 (" 0" ) 가 가 (IP1)  
 가 (30)가 (" 1" ) 10 S13  
 (30)가

, (30)가 가 가 ,

60)가 (30)가 , (80) 6 (50)(  
 가 가 (IP0) (30)가 가 (" 0"  
 " 1" ) (RAM) , (IP0) 가 )  
 가

(80) (IP0) (" 0" " 1" )  
 (RAM) (" 0" " 1" )  
 , (30)가

ON" 가 (80) 10 S14 (IP0) (50)(60)가 "  
 0" " OFF" 가 , (IP0) 가 "  
 , " OFF" (50)(60)가 " ON" S16

, (30) ( ; , ) (50)(60)  
 (40)(42) (70) (50)(60)가  
 (80) (IP0) , " 0"  
 , (30) 가  
 (80) (IP0) (50)(60) " OFF"  
 " 1" ,

, (30) (30)가 ,

(50)(60) (70) (50)(60) (50)(60)  
 (40)(42) (50)(60)가 " ON" (70) " ON" " OFF"  
 (" 0" ) 가 (50)(60)가 " OFF" (80) (IP0)  
 (" 1" ) 가 (30)

(80) 10 S17  
 (IP0) 가 가 가 S  
 18 S19 .  
 S17 (IP0) 가 S20 (IP0)가 "  
 ON" " OFF" 가 가 S23 (IP0)가 " ON"  
 10 S24 , S21 (IP0)가 " OFF"  
 , 2 S22 .  
 (30)가 가 ,  
 가 " OFF" , 2 ,  
 , , 가 ,  
 가 .

(57)

1.

(20) (球) ,  
 (40)(42) (30) (C1) ,  
 (22)(24) (50)(60);  
 (22)(24) (50)(60) (4  
 0)(42) (50)(60) (70);  
 (70) (50)(60) (30)  
 , (30) (80) (30)  
 /

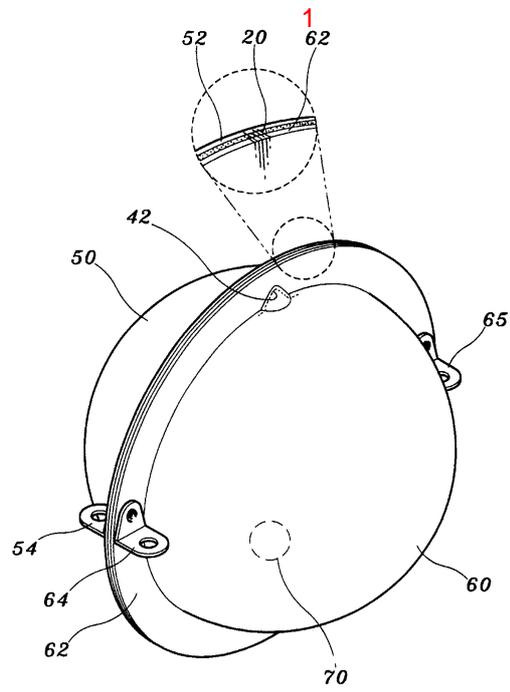
2.

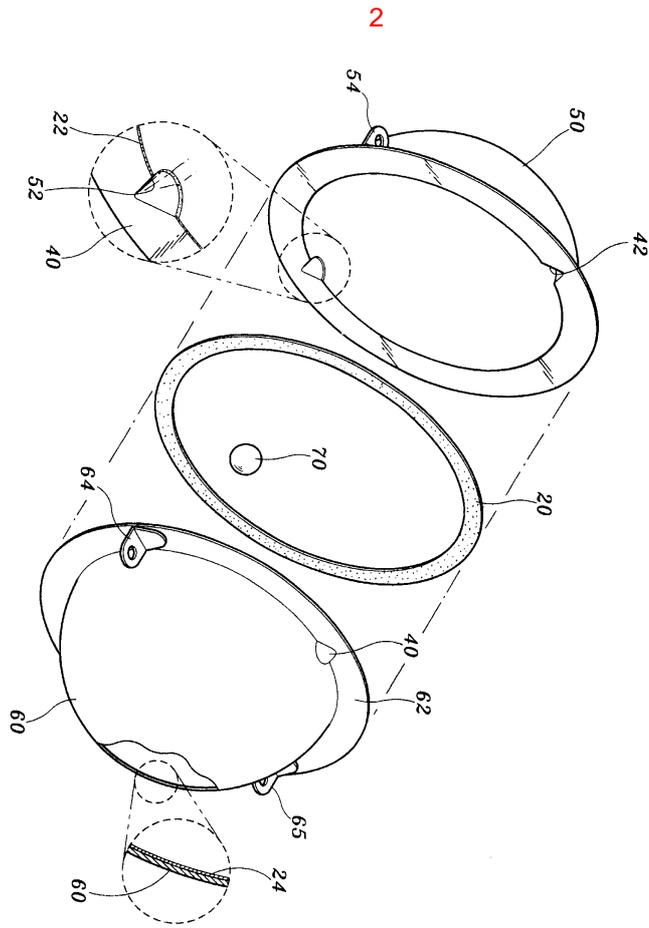
1 (80) (30)가 " OF  
 F" , (30)가 (30)  
 /

3.

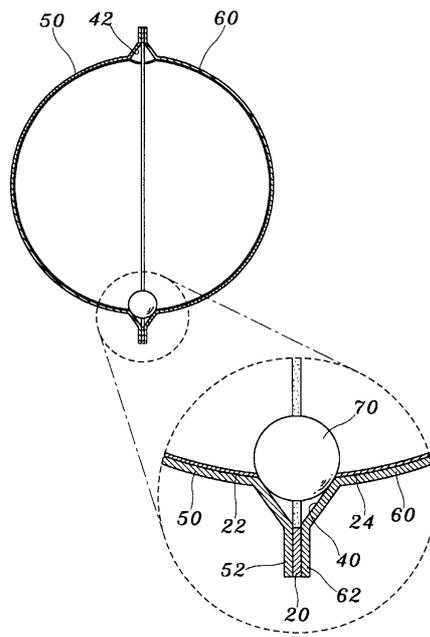
1 , (80)  
(30)

(30)가  
/

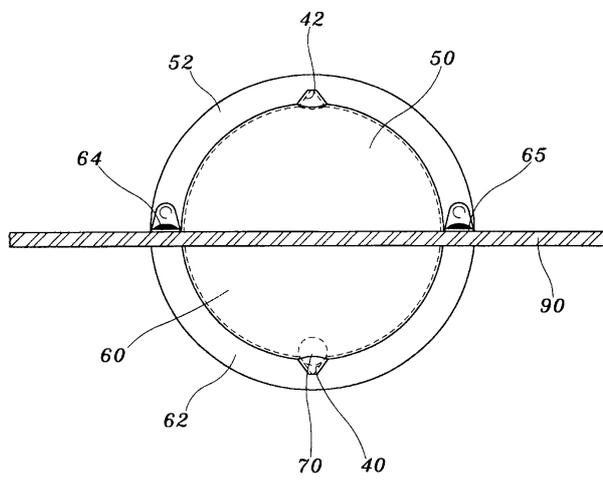




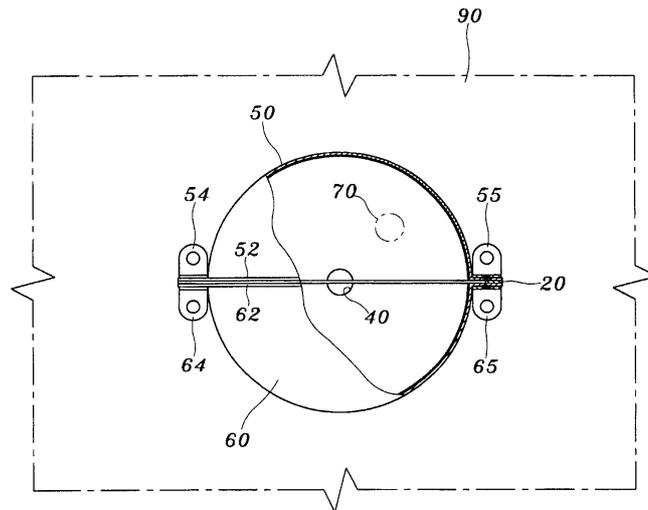
3



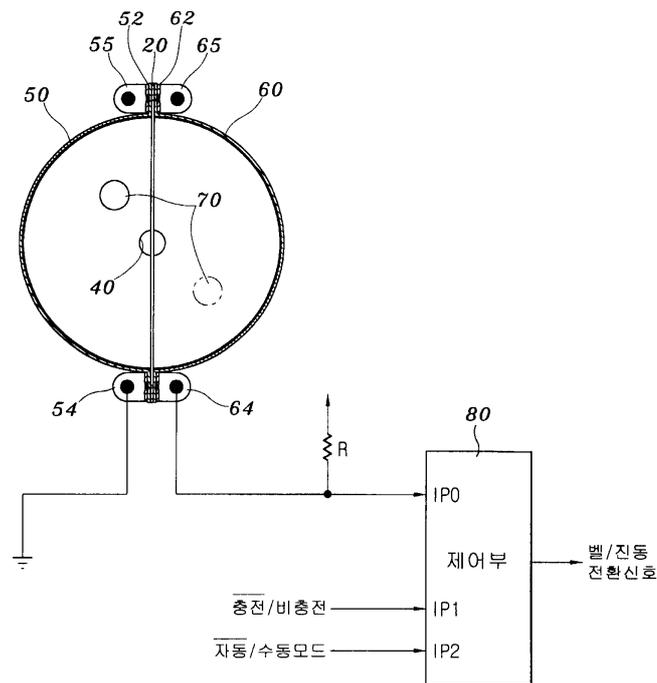
4



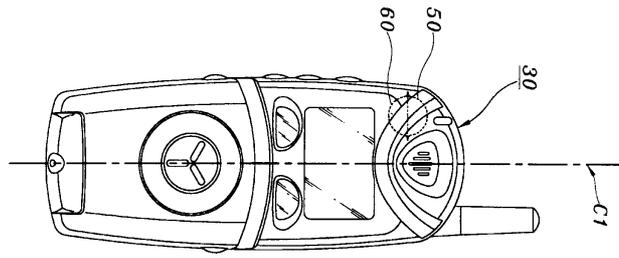
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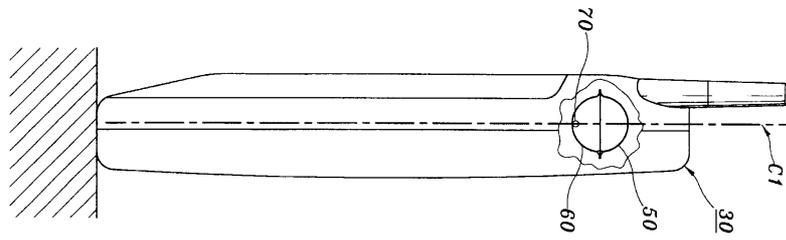
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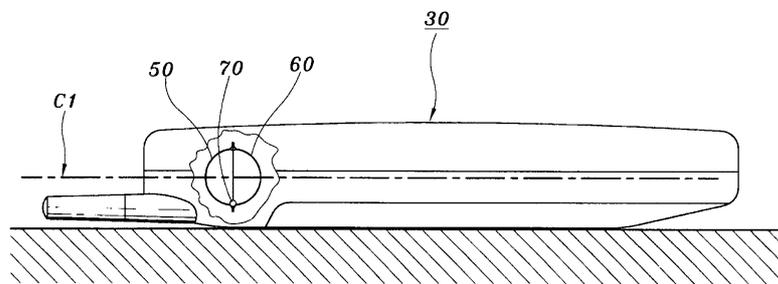
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8



9



10

