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(12)

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(43)

10-2002-0021286  
2002 03 20

(73) 416

(72) APT9 909 502

(74)  
:

(54)

(desktop computer) 가 (docking mechanism) ,  
가 (portable computer)  
(link pusher) (locking link)가  
(link) 가

가 가 가 가 가

6

1 ;  
2 ;  
3 ;  
4 3 가 가 ; 가  
5 4 가 가 ; 가  
6 5 가 ;  
7 .



ing link)가 (link pusher) (lock  
(link)

가 가

1 2 3

1 (docking station)(2)  
(2) (1) (docking connector)(15) 가 CD-ROM  
(compact disk ROM device)(3), (hard disk drive)(4) (floppy disk  
drive)(7) (peripheral device)(33) (mounting groove)(8)

ob)(16)가 a 가 (33)가 가 (2) (kn  
(6) (hook)(12) (8) (27)

3 (locking link)(6), (link)(13), (torsion spr  
ing) (link spring)(22), (link pusher)(14) (pusher)(15) (knob mount)(10)  
(6) (14) (2) (knob)(16)가 (ho  
ok)(12)가 (6) 2 (11)가 (14) 2 (20)가 (14) 1  
2 (19)가 1 (20) (11)가 (connecting hole)(21) (6) (14) 1  
(13) (6) (coil spring) (knob spring)(18) (10)  
가 (21) 1 가  
(13) (pivot mount hole)(23) (eject finger)(24)가  
connecting hole)(25) (22) (13) (2) (spring hanger)(26) (pusher  
(13) (34) (26) (pivot pin)(9)  
(22) 가 (25) 2 (19)  
가 (15) 2 (28)가 (spherical shape) (p  
ushing member)(29)가 (15) 2 (28) (pusher spring)(31)  
(2) (pusher mount)(30)  
(22) (18) (spring constant) (16)  
(13)가 (12)가 (2)  
(8) CD-ROM (3) 6 (33)가 3  
(33)가 (12) (27)  
(27) 가 (22), (18) (12)  
(21) d 가 (6) a 1 (11)가  
4 (21) d (6) c

5 (connecting hole)(21) (6) 1 ( )  
11)가 2 (13)가 (13)가 (24)가  
b (15) b (33) (32, 32')  
(15) (13)가

6 b e (32, 32')가 (31)  
(pushing step) (33) f (33)가  
(31) 10 - 20 mm (6), (14) (

13) (22) (18) 3 (33)  
 (2) (8) (16) (33) (27) (6) (12)  
 (33) (8) (33)가 (8) (33) (27) (6) (12)  
 (33) (15) (29) (27) (33) (27) ( )  
 6) (12) (22) (27) (12) (22)  
 (6) (33)가 (27) (12) (22)  
 (27) (33)가 (12)가 (6) (22)  
 7 (33)  
 7 6 (22)

가

가

가

가

(57)

1.

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

2.

3.

1

4.

가

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

1 ; ;  
 ;  
2 2 ;

5.

6.

가 , , , 1  
 ;

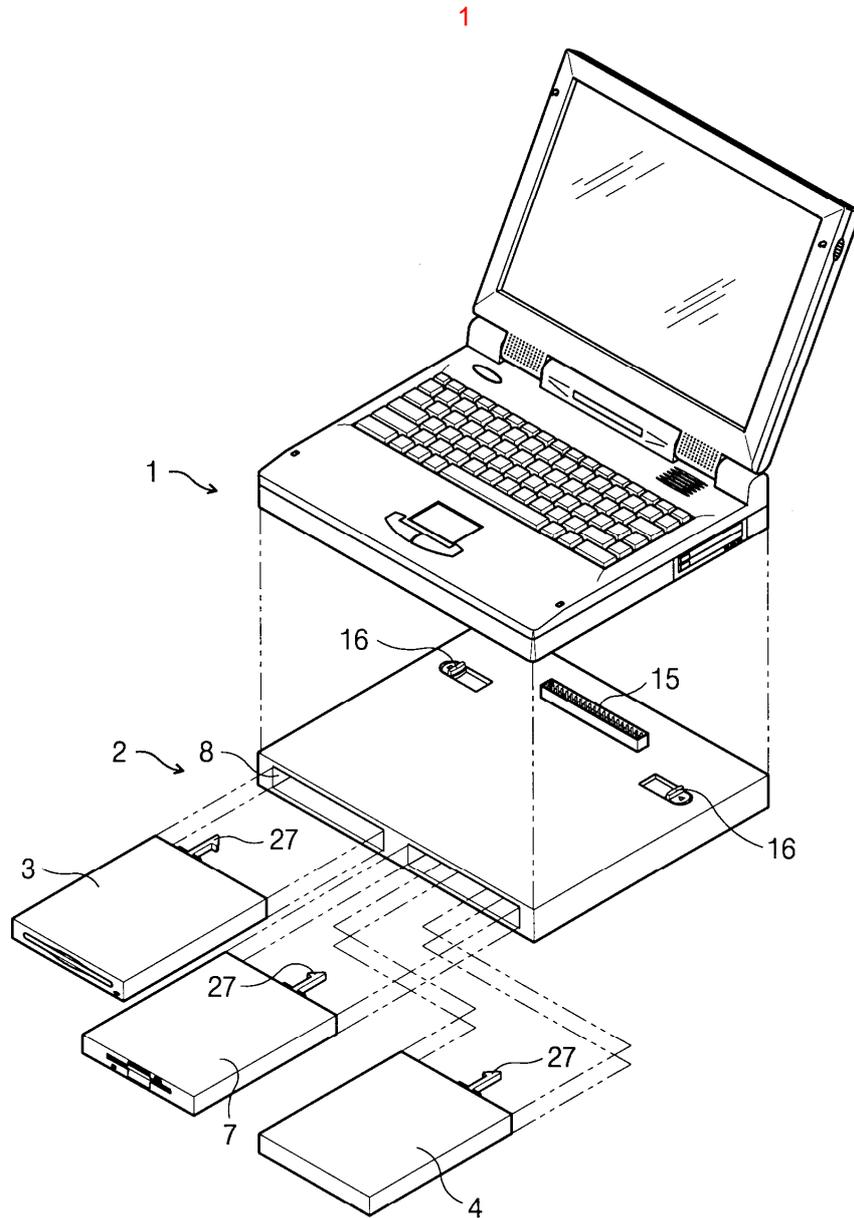
1 가 2 , 2 , 1  
 ;

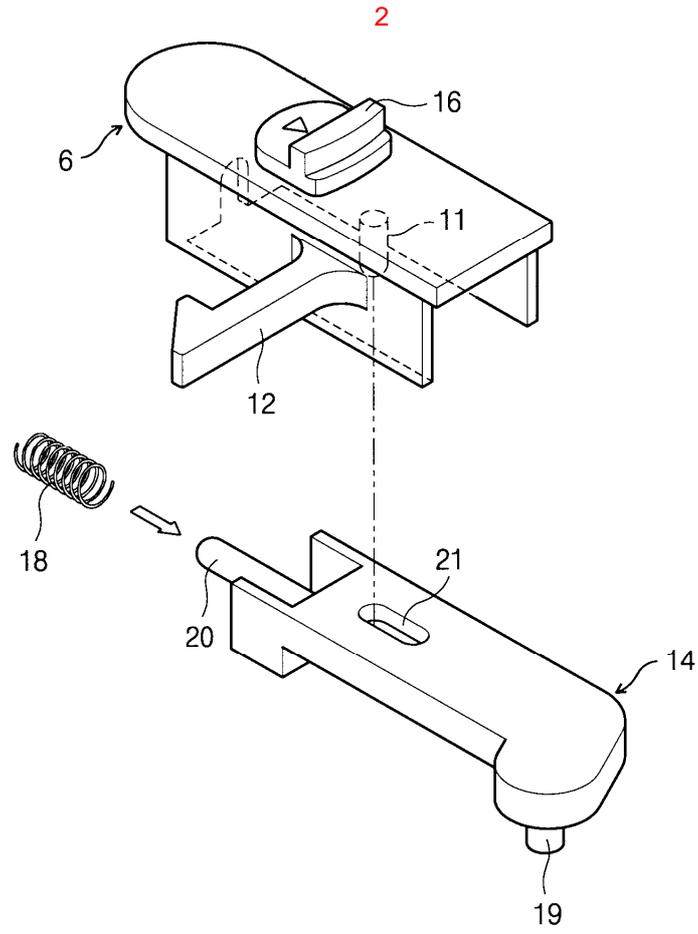
가 ;

2 , 2 ,

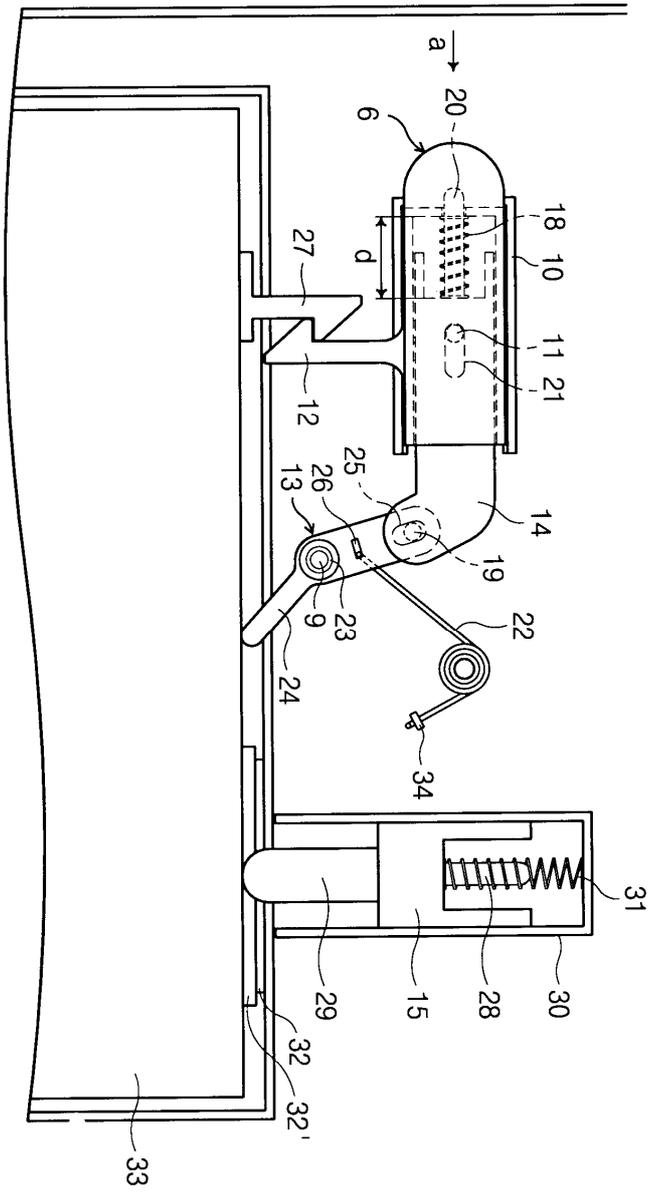
7.

8.

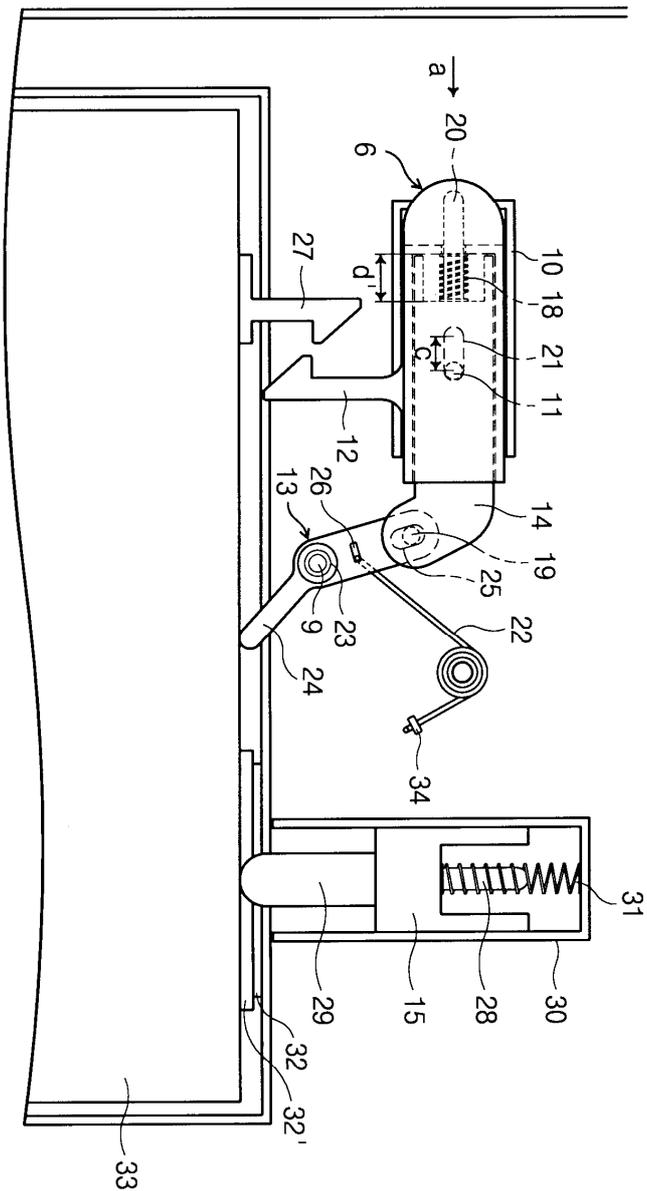




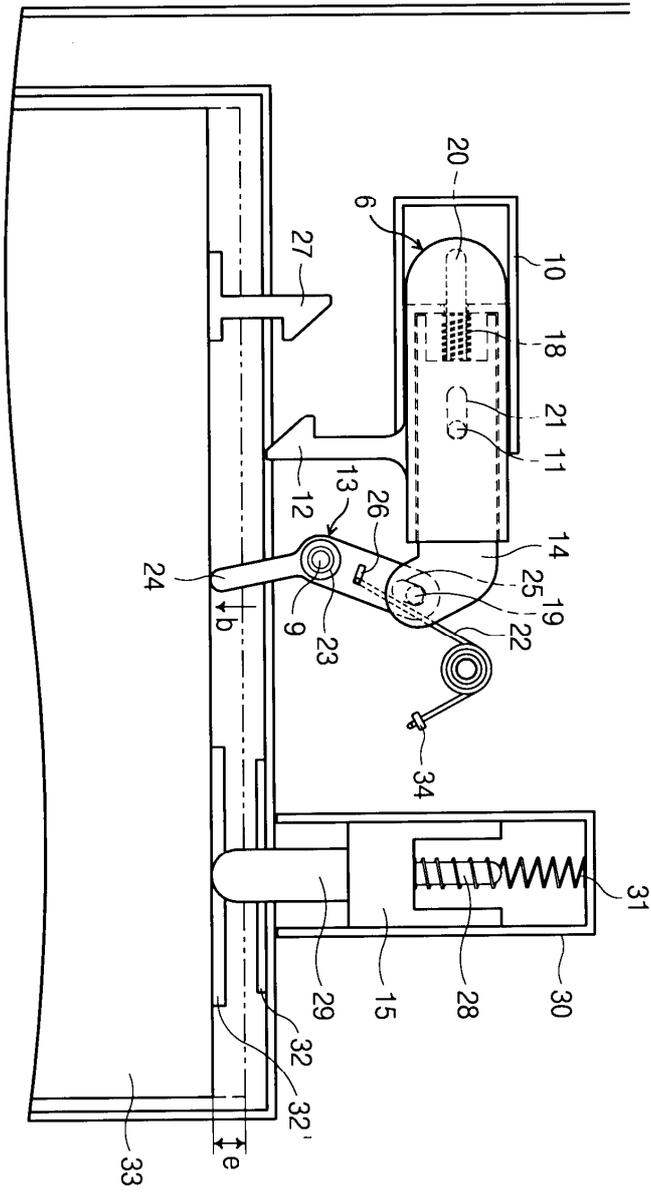
3



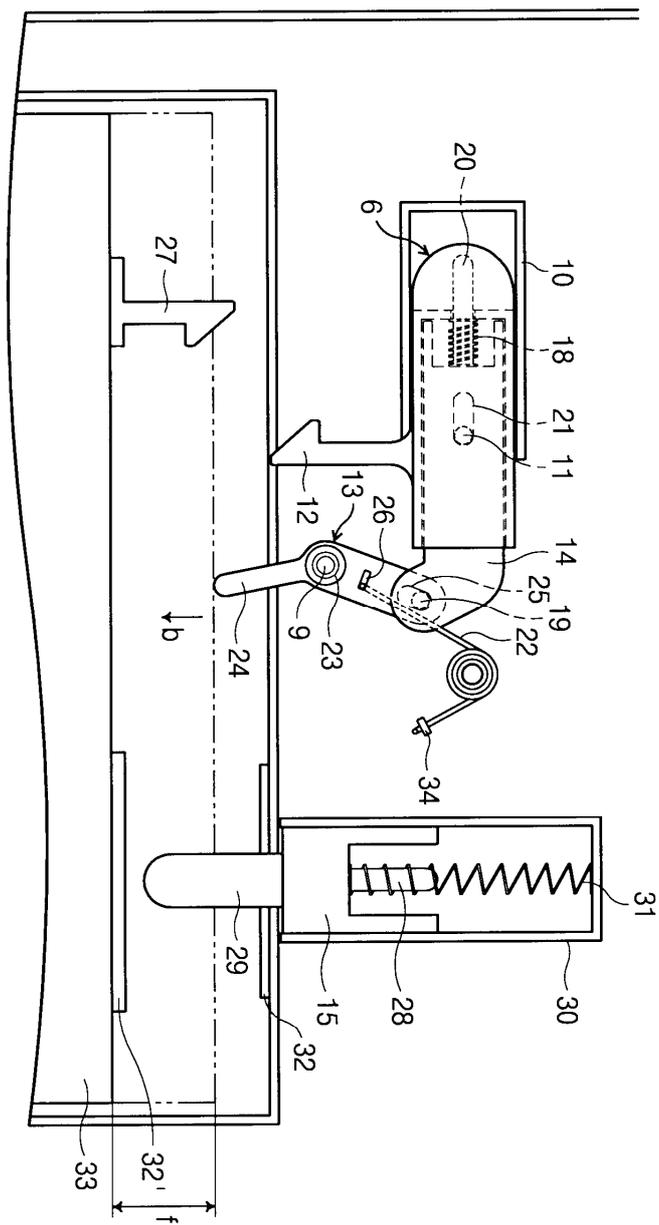
4



5



6



7

