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(22) 2003 08 01

(30) 10/214,843 2002 08 08 (US)

(71) 44114-2584 1111

(72) 48350 4785

48412 4868

(74)

:

(54) -

. Eaton

가

가

가

1

1 - .
 2 1 .
 3 1 .
 4 1 4-4 .
 5 1 5-5 .
 6 1 6-6 .
 7 3 7-7 .
 8 3 8-8 .
 9 .
 10 9 .
 11 9 .
 12 11 12-12 .

< >

10: 12:
 14: 16:
 18: 40:
 42: 44:
 46, 48, 50: 52, 54, 56:
 58, 60, 62: 64, 66, 68:
 70, 72, 74: 76, 78, 80:
 82, 84, 86: 96:
 102, 104; 112:
 114:

가
-

가
(solenoid operated valve)

가
(deactivate)

가 가 가 가

가 (releasable) (release)

(deactivator)

가 가

12 14

(base circle)

가 가

가

(valve)

가 가 가 가

(ad

apt)

가

1
(20)

8

(18)
(20)

(12)

(16)

10
(14)

(12)

22
가

()

(16)

(26)

(20)

(26)

(24)

(24)

(28)

30

(solenoid operator)

(34)

(36)

(34)

(32)

(32)

(14) (38) (32) (40) (14) (34)

가 (42)가 (16) (36) (14)

(30) 4 5 (energization) (43)

가 (20) (30) (18) (14) (16)

(30) (de-energization), (43) (42) (16)

(36) 가 (34 40)

(44)가 (20) (spaced) (12) (

(46, 48, 50)(7) , 52, 54, 56 (5

, 58, 60, 62 가 (slidably)

2, 54, 56) , 64, 66, 68 70, 72, 74

가 (guide)

(12) 76, 78, 80 (arm)

2 (76, 78, 80)

(64, 66, 68) (46, 48, 50) 82, 84, 86

(40) (50) 가 (12)

(44) (44) (46, 48, 50),

(88) (12) (44),

(18) (14) (46, 50)

(48)가

5, 6 8 , 90, 92, 94 (20)

가 (46, 48, 50) (90, 92, 94) , (42)가 (16)

(40)가 (16) (36) (34)

t off) (vent) (40) (46, 48, 50) (14) (shu

(10)가 9 (40) (40)

(purge) (40)

(30) (42)가 (16) (20) 가 가

(44) (14) (76, 78, 80)

9 12 (102, 104) (roller follower)(98, 100) 가

(96) 가 (108, 110) (10)가 (112)

(114) 가 (102, 104) 가

가 11 (104) 106

(10) ()

(96) (102) (112) (104)

(114)

, , (10) (78) (106)
 , 11 (114) , (116) (30) 가 (118) (116) 가 (118) (10) , (78) (106)
 (104) , (114) , (102) (106)
 () (76) 3 11 () (112)
 , 2 , 3

가

(57)

1.

1 가 가 , 2 가

가

1

2

1

2
(purging)

가

2.

1

3.

1

1 4.

1 5.

1 6.

1 7.

1 8.

1 9.

1 10.

1 11.

가

가 가

가

가

12.

11

, , 가 , - .

13.

11

, 가 - .

14.

11

, 가 .

15.

11

, - .

16.

, 가 , 가 가 ,

17.

16

, - .

16 18. ,

- .

16 19. ,

- .

16 20. ,

- .

16 21. ,

- .

16 22. ,

- .

16 23. ,

- .

16 24. ,

-

25.

,
가 가 ,

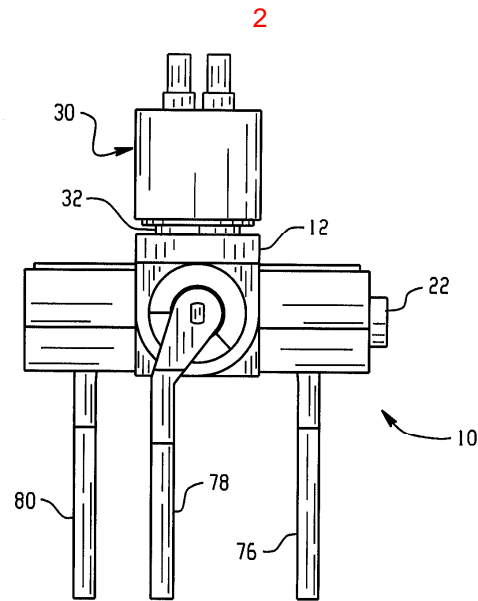
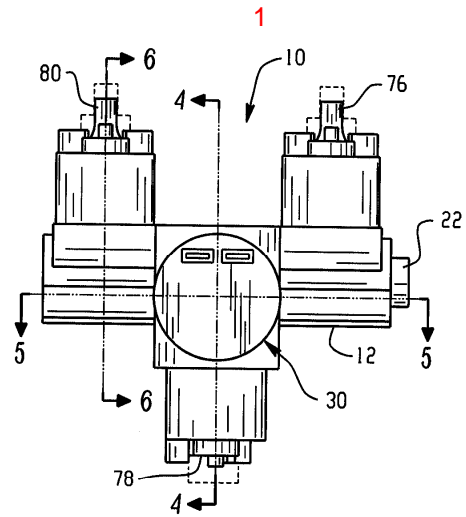
가

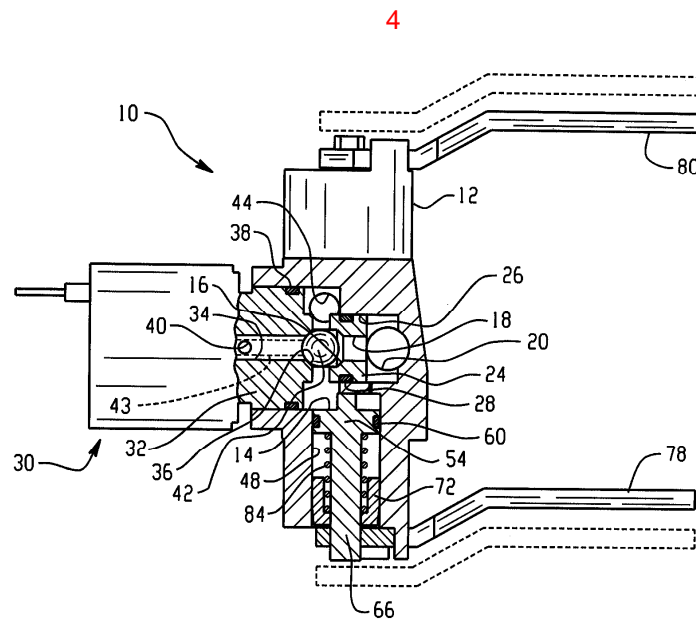
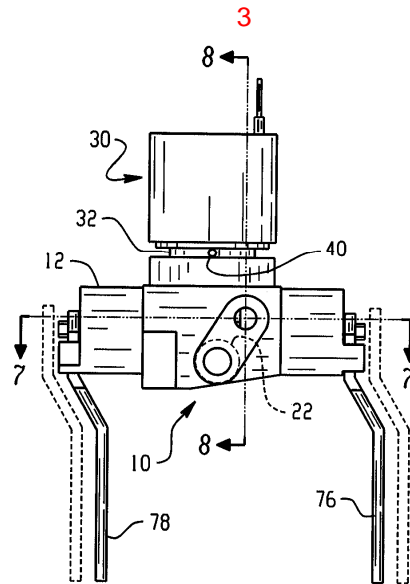
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가 , , , ,

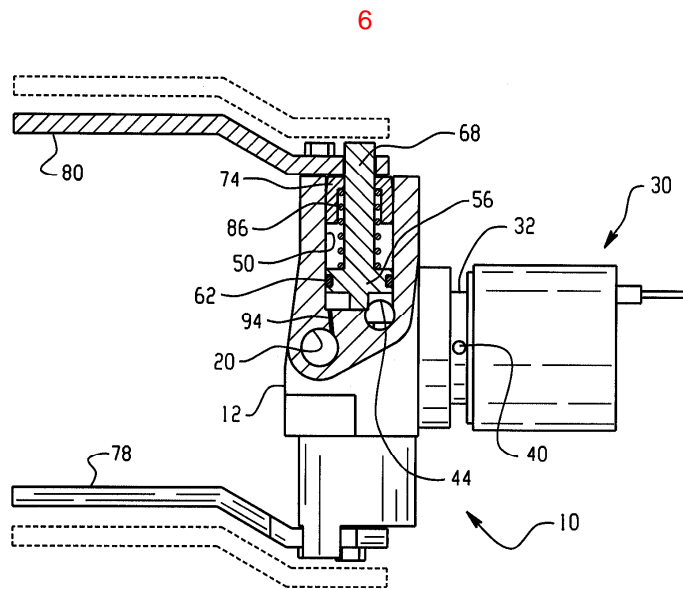
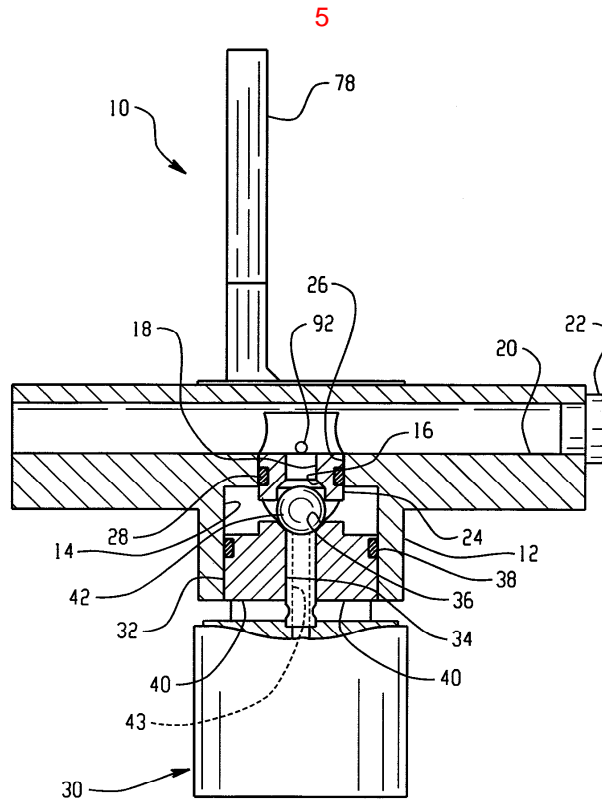
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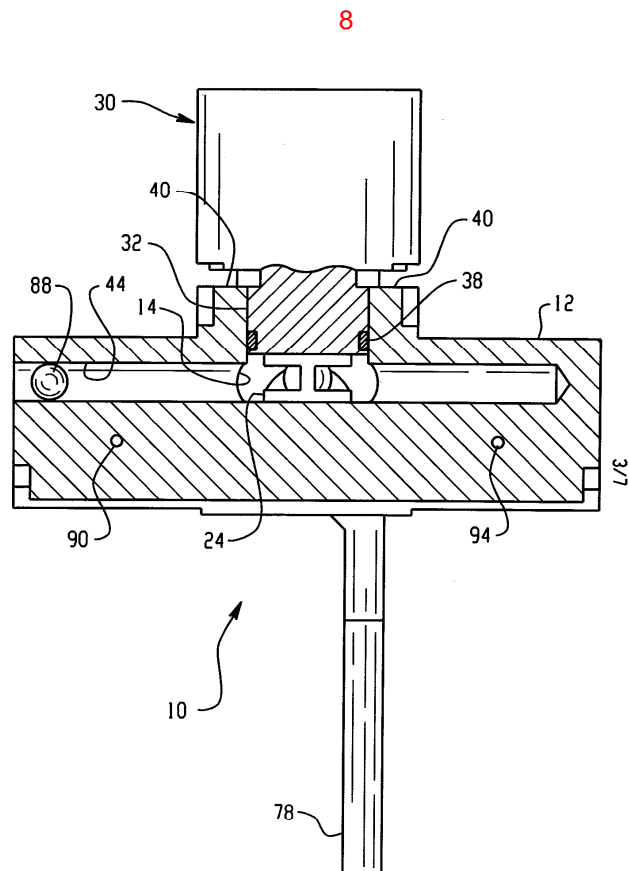
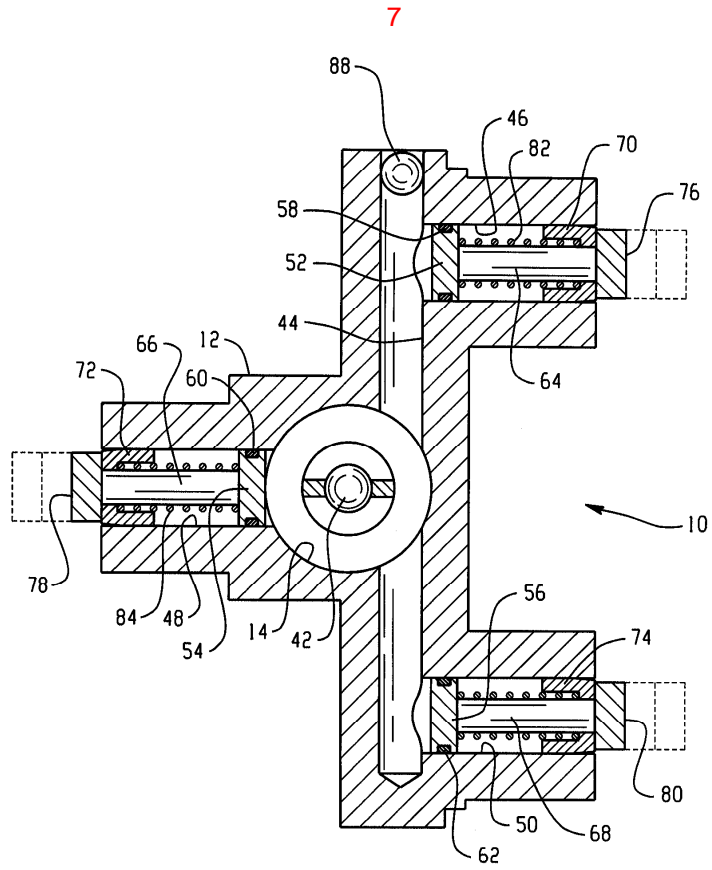
25

가

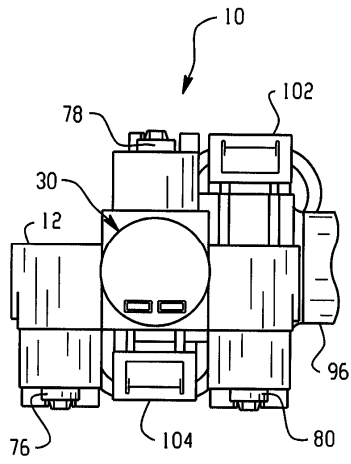








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