

(19)  
(12)

(KR)  
(B1)

(51) 。 Int. Cl.<sup>7</sup>  
E02D 5/60

(45)  
(11)  
(24)

2005 01 13  
10-0465287  
2004 12 28

(21) 10-2001-0049072  
(22) 2001 08 14

(65)  
(43)

10-2003-0015029  
2003 02 20

(73) ( )

170-5

802

155

107 1704

54

122 902

(72)

54

122 902

155

107 1704

388

3 1111

(74)

:

(54)

, H H  
 1 H H  
 2 , H H  
 3 3a , 1/2  
 H H 2  
 H

2a

H ,

1a	1b		1	.
2a	2b		2	.
3a	3b	2a	2b	.
4a	4b		3	.
5a	5d			가 .

, H H H  
 ( , ) ( , )  
 , H H H  
 H 가 H 가  
 , H

H H H  
 1 H H H  
 2 , H H  
 3a

3 , 1/2  
H H 2  
H 1/2  
1a (h) 1 (11, 12) (h) (c) H (10) (1) (2)  
(13) (1) (2) H (h) (c)  
2a 2 H (11,12) (h) H (3)  
(3) 3a (3) (3A,3B)  
(3A,3B) 2 H 가 (4)  
4a 3 , H (10) (11,12)  
H (10) (11,12) 1/2 (5)  
(h) 1 2 (c)  
3 1b, 2b, 3b 4b H 2  
5a 5d 가 H  
H (10) (7) H (10) (11,12) (4)  
(h) (6) (11,12) 1/2 (5)  
(c) , H  
3 (7)

가

H H H  
H 가

1.

, H (100) ,  
 (h) (h) H (10) , (c)  
 (1) , (11,12)  
 (13) (h) (c) (2)  
 H

2.

3.

1 , , (11,12) (h) H ,  
 H H (c) (3)  
 H

4.

3 , (3) (3A,3B) H

5.

1 , , H (10) (11,12) (4) ,  
 H (10) (11,12) 1/2 (5) H  
 (h) (c)

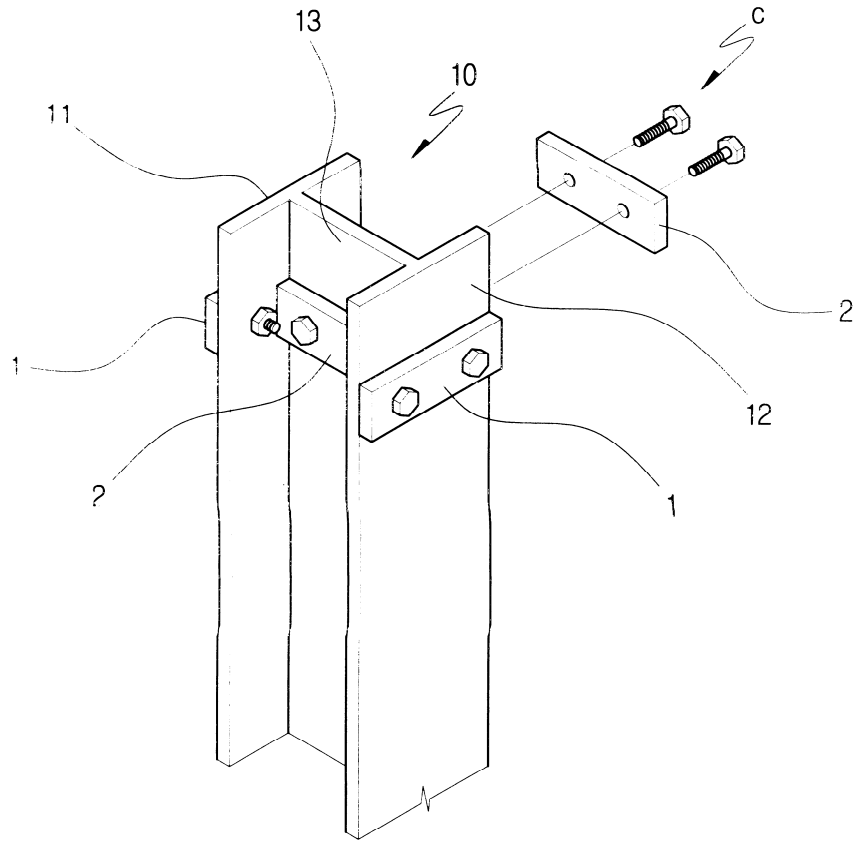
6.

1 5 H , H 2

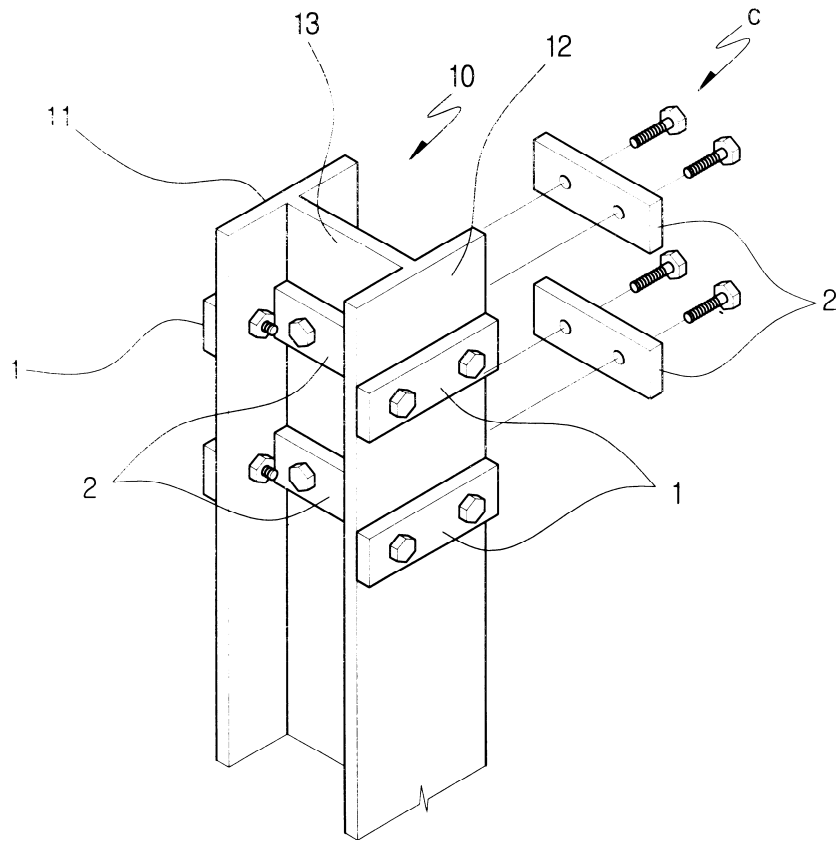
7.

8.

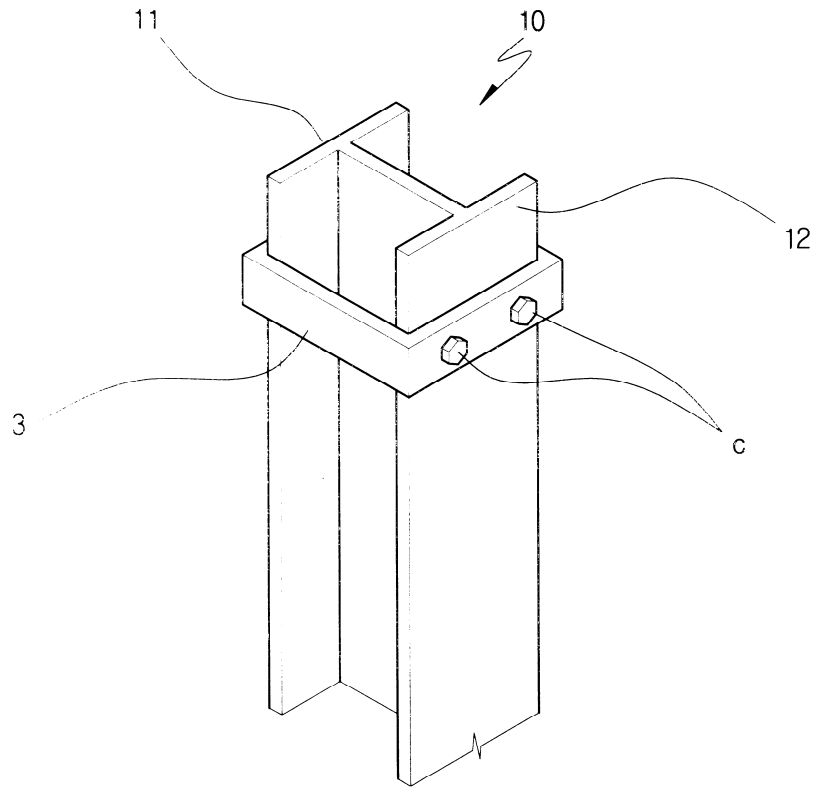
1a



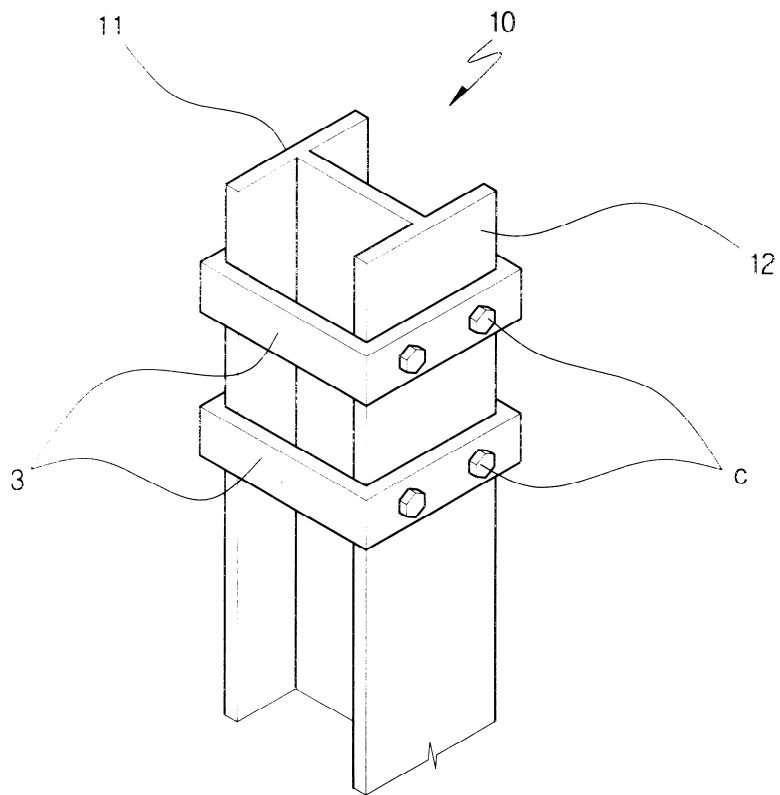
1b



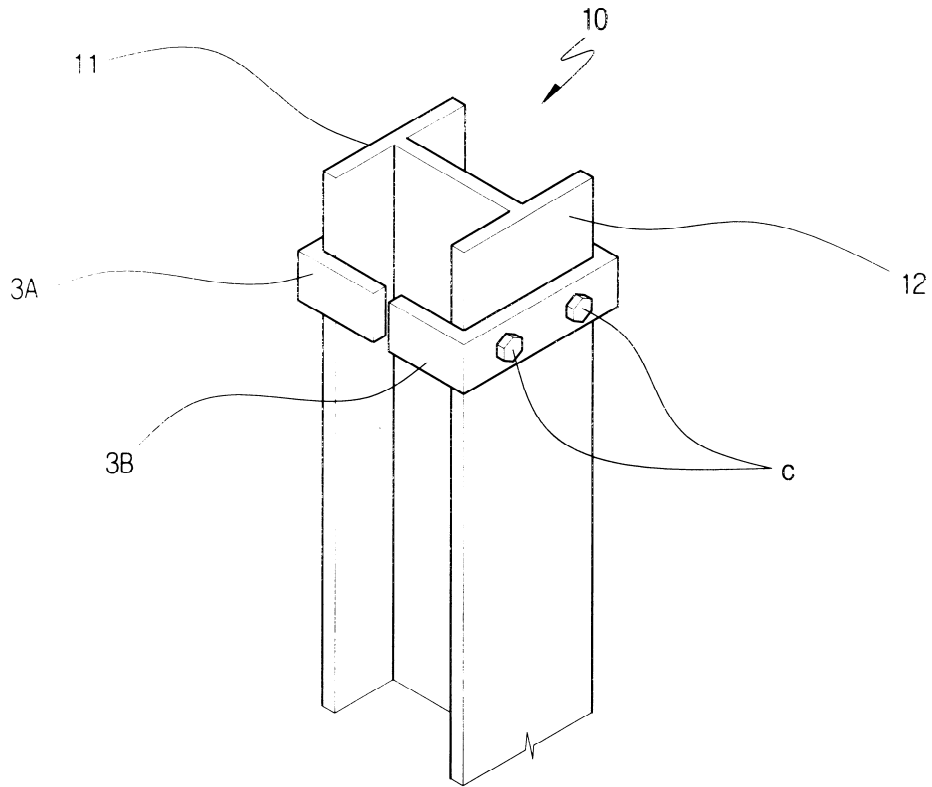
2a



2b



3a



3b

