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20 - 0276511
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(21) 20 - 2002 - 0005423
(22) 2002 02 23

(73) 597 - 2

(72) 7 - 5 201

(74)

:

가 :

(54)

60') , (150a)(150b)가 (110) 가 (160)(160') (160)(1 (110)

(130) , (150a)(150b), (190)가 (140) , (170a)(170b) 가 (170a)(170b)가 가 (120)

가

2

, , , ,

1

2

3 2

4 2

5

* *

100 : 110 :

120 : 130 :

140 : 150a : 1

150b : 2 160,160' :

170a : 1 170b : 2

180,180' : 190 :

1:1

가

가

가
가

1996 - 000750

US5,566,785

.

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가

,

1 (1) , (1) 가 (10) , 가
 (2) (4) (3) , (3) (2) , (1) (2)
 가 (1)

, (1) 1 2 (5a,5b)가 ,
 (2) (2) 가 (6)가 (4) ,
 1 (5a) (3) 1 2 (5a,5b)
 (6)

, (10) , 2:1 , 가

1:1 ,

, 가 가
 , 가
 가 , 가

, 1 , 1

2 , 2

, 1 가 ,

, 가 ,

, 1,2

, 1,2

2 , 4 2 , 5 , 3 2

가 (110) (120) ; (120) (100) , 가 (110) (130) ;

(120) (120) (140) ; (110) ()

(150a)(150b)가 가 (160)(160')

(160)(160') ; (170a)(170b)가 가

(110) (180)(180') ; (120)

(150a)(150b), (140) (170a)(170b) (13

0)

(160)(160') "ㄷ" (1 (200) , 1 (200)

60)(160') "ㄱ" (110) (210)

(160)(160') (160)(160') (220)

(160)(160') 1 (200) (100)

(230)(230') (160)(160') 1 (200) (230)(230')가 (220)

(160)(160') (180)(180')

(180') (240) (100) (160)(160') (180)

(250)(250')가 , (250)(250') (240)

(230)(230')(250)(250')

(151) (160)(160') 1 (150a) 가 " "
 가 " " 1 (150a) 2 (150b)
 (152) (160)

80)(180') (180)(180') "ㄷ" (1
 (260)(260') "ㄱ" (260)(260') , 2 (110)
 (270) (180)(180')
 (280)

(171) (180)(180') 1 (170a) 가 " "
 가 " " 1 (170a) 2 (170b)
 (172) (180)

b) (120) (190) (190) 1,2 (150a)(150
 (190) 1,2 (170a)(170b) (140) (130)

1 (160)(160') (180)(180') (110)
 (200) 2 (260)(260')
 (160)(160') (180)(180') (110)

(110) , (120) (130)
 가 ()

(100)

(120) (140)가 (140)가
 (150b) (140)가 (190) 1 (150a) 2
 (190) (150a) 2 (150b)
 (120) (150a)(150b)가 (120)
 1,2 (170a)(170b) (130)

가 1:1 가
 가
 가

(57)

1.

(110) (150a)(15
 0b)가 가 (160)(160') (160)(160') (110)
 (170a)(170b)가 가 (120) (150a)(1
 50b), (180)(180') (170a)(170b) (130)
 (190)가

2.

1 (160)(160') 1 (200) (110) 1 (200)
 (160)(160') (160)(160') (220) (210)
 (240) (180)(180')
 (110) 2 (260)(260') (180)(180') 2 (260)(260')
 (280) (270) (180)(180')

3.

2 (160)(160') 1 (200) (100)
 (230)(230') (260) (230)(230')가

4.

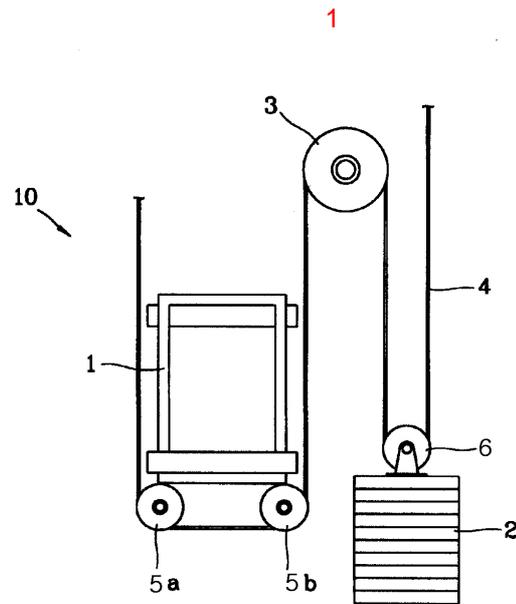
2 , (160)(160') (180)(180') ((250)(250')가
 100) , (250)(250') (240)

5.

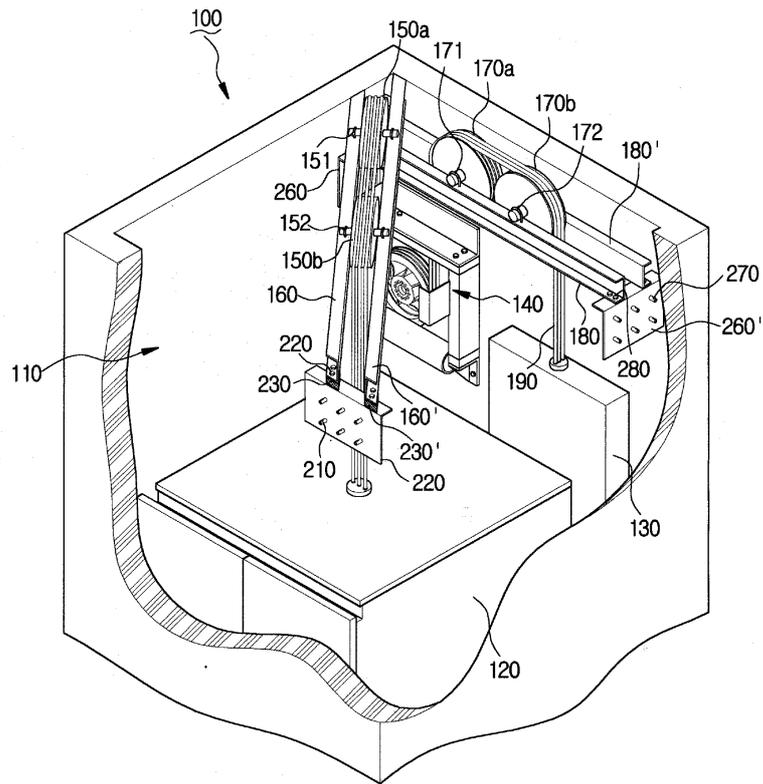
3 4 , (230)(230')(250)(250')

6.

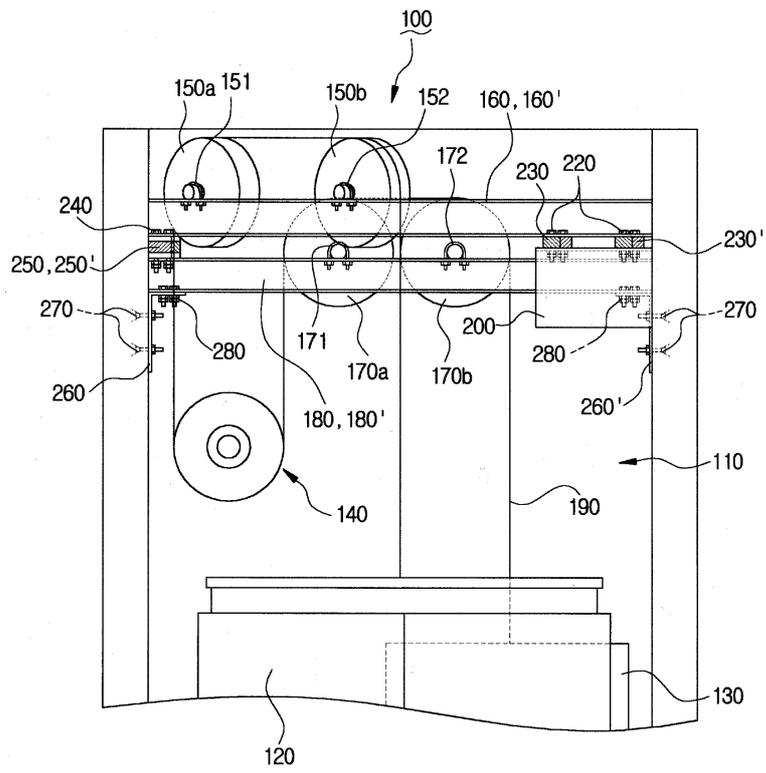
1 , (190) (120) , (120) (180)
 (180) 1,2 (150a)(150b) , (190) 1,2
 (140) , (190) (130)
 (170a)(170b)



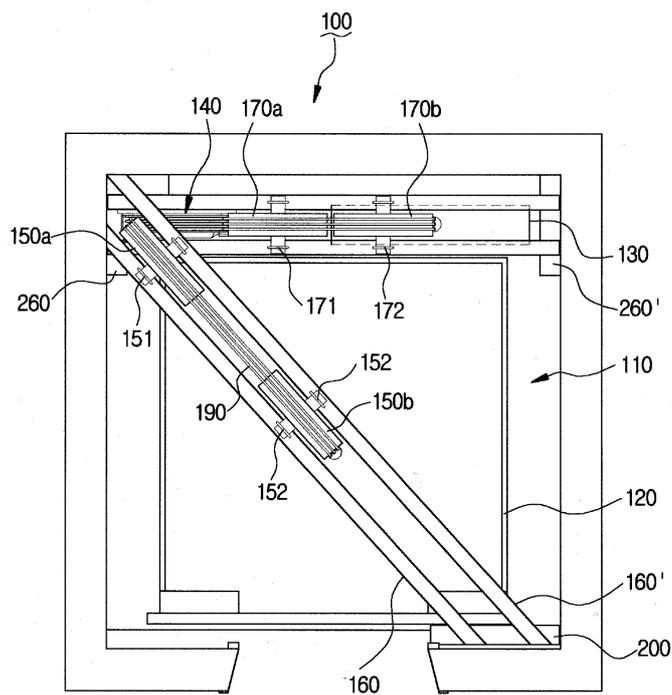
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3



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5

