

(19) (KR)
(12) (B1)

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(22) 2002 10 01 (43) 2003 04 08

(30) JP-P-2001-00305128 2001 10 01 (JP)
JP-P-2002-00279175 2002 09 25 (JP)

(73)	가	가	3	30	2
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3 30 2 가 가

(74)

10

(54) 가

, 가 , 가 , 가 , 가 , 가 ,

(1) 가
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(B) 가
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(8)
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(7)
(3c)
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(7)
(3a)
, OHP
(2)
(5)
(5d)
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(2)
(3d)
(5c)
(5a)
가
,
가
,
1 2
(B) 가
,
1 2
가
,
가
(A) [
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]
(7)
(7)
(2)
(3b)
(4)
(3f)
(5)
(5d)
(5)
(6)

	(3)	(3b),	(3c),	(3d)	(3f)
	(A)	(3),	(5)	(B)	()
()	(B)	,	,	,
7)	(7)	(B) 2	(8), 가	,	()
,	(7)	(9)	(1)	,	(10)
,	(7)	,	,	,	
	(11d),	(B)	(7)	가	(11)
13	(10f)	(11d)	(8),	(10)	
,	,	(14)[,	,	
	(B)	가	,	가	
(	)	가	,	X	
	(18a)	,	,	가	
(	)	(18a)	(18a1)	(18a1)	(18a)
.	(18a1)	,	,	,	(18a2)
.	(18a1)	,	,	,	18a3(
20)	가	(52)	(52b)가	,	(18a2)
,	(11e)	(20).	(11d)	,	18a2)
,	(60b)	,	(11f)	,	
11e)	(11f)	,	,	,	
	(11f1)	(11f2)	(11f3)	(11f2)	(11f1)
	(71)	(71)	(71h)	(71)	
())		
14	,	,	,	,	
	(B)	2	(41),	(15)	(1)
	(15)	,	(41)	(50),	1 (3)
	(40)	,	(40a, 40b),	(15)	
	(51),	,	,	(50),	
	(51)	,	,	(50)	
,	가	(52)	,	(B)	
,	(70)	(72),	,	,	
	(70)	(9	15).	(71),	(71)
,					(73)
,					
()				
()				
(	(41)	(40)	(18b)가	4	,
	(B)	(B)	,	,	(41)
(41a)	,	(B)	(X)	1	
(41b)	,	(B)	(X)	(41b)	2
(	(B)	(B)	(X)	(41a)	(41c)
5	(40)	(40)	(X)	1	1
41c)가	(40)	가	(14)	(41b)	(41c)
(1)		(40a, 40b)	(41)	(41b, 41c)	(41)
		(2)			(41)

		(72), (71)	(71)	(52)	(73)	(60)
a)		가 (B)가 (70)			(71)	(71)
0; tag chip)		(60b)			,	(6)
)	,	(60)	(dashing)	(70b)		(70a)
	(14)	(60)		(70a)		(70a)
		(70b)	.	(70b)		
			가	(60)		
	(70a)	(60b)	가	(70)		
	(71)		(71a), (14)	(70)		
71a)		(71e) (71e) (71b)	(71f) (40)	(40)	(71d) (40m)	(71a)
h)	(70)가 (B; 3)	(71b)			(71c) (40m)	(71)
9	,	(72)	(1f)	,	(14) (1)	(70)
	(71)	.		(1f)		
b)	(14) (72b)	.	(72)	(71)	(71)	(72)
			(72c)	.		(72a)
	,	(71)	가	.	(72b)	(71)
			(72b)	.		(71)
	(11f)	.	가	,		(B)
)		,	,	(70)	(71h) (60)	(60b)
	(70)	,	(70a)	,	(60)	(72c)
	(72e)	.		(74)	(60b)	
			.		(60)	
	(73)	(40)	(40n)	2	(71)	(71f)
	(73)	(52)	(52d)	(52)	(71)	(71)
	(52)	,	,	4	.	.
)	가	,	(52)	(52c)가 (53)	(53)	(74)
	.	.	(52)가 (73)	1	(71)	가
	.	,	(74)	(73a)	(71)	(71f)
	(71)	가	.	.		(73)
	(74)	가	.	.		
	(71e)		(40)	(40m)	.	
			.)		
10	12					
	(A)	가	(15)가			
	(W)가	.	.	10		
42)가			(41)가	.		
			(40)	.		
			(41)	가		
	,	가	가).		
	,	가).	.		
	(18b)가	,	(41)).		
	(40)	.	(41)	(A)		
	(42)가	.	(41a)	(41)	가	
	(42)	.	(41)	(41a2)	,	
42a)		.	(B)	(41a2)	,	
		.	(B)	(X)	.	
		.	(42a)	.		
		.	(42a)	.		
11		,	(B)	(18b)	(42a)	12
	,	,	(B)	가	(41a)	,
	,	,	(B)	(18b)	.	
	,	,	(b)	.		
12)	,	,	(14)	(41a)	,	
	,	,	(18b)	(41a)	.	
	,	,	(14)	(41)	.	
	,	,	(18b)	(41)	.	
	,	,	(b)	(41)	.	
	,	,	(9B)	(41)	.	
	,	,	(9B)	(41)	.	

4)		(71)가	(70)	(60)	(70b)가	(60)	(70a)	.					
	,	,	,	(72)	.	.	.	.	
23	,	,	,	(73)	1	(73a)	(71a)	(71f)	,	(71)	(71f)	(70a)	
71)가	,	(73)	1	(73a)	(71a)	(71f)	,	,	(52b)	,	(52)	(60)	
(71)가	,	(71)	,	(73)	1	(73a)	(71a)	(71f)	,	(52b)	,	(18a)	
(18a1)	,	(	,	(73)	1	(73a)	(71a)	(71f)	,	(52b)	,	(18a)	
24	,	).	,	(52b)	23	)	(18a)	(B)	,	(18a)	(18a2)	(90a)	
(52b)	,	(52b)	,	(52b)	23	)	(18a)	(B)	,	(18a)	(18a2)	(90a)	
,	(70a)	,	(70a)	(60b)	,	(60b)	,	(60b)	,	(60b)	(60b)	(70)	
(73a)가	,	(71f)	,	(70a)	,	(70a)	,	(71)	,	(52)	,	(73)	
(B)	가	(71)	가	(70a)	,	(70a)	,	(71)	,	(52)	,	1	
24	,	,	,	(52)	(52)	가	(52b)가	(52b)가	,	(B)	(52b)가	(18a1)	(18a1)
가	,	(18a)	,	(90a)	가	(holding position)	(18a2)	(18a2)	,	(90a)	,	가	,
(52b)	,	(18a1)	,	(18a1)	(18a)	(18a)가	(18a)가	(18a)가	,	(90a)	,	(2)가	,
,	,	(7)	,	25	(52)	(boss)(52c)	(50)	(4)	(B)	(70a)	,	(2)가	,
(90a)	가	,	가	(50)	(50h2)	(50h2)	(50)	(50h2)	,	(50h)	,	(18a)	,
(50)	1	가	가	(52)	(52)	(52c)가	(52c)가	(52c)가	,	(50h)	,	(50h1)	,
,	가	1	25	(15)	(15)	(15)	(15)	(15)	,	(50h)	,	(52)	,
가	,	가	(52c)	(50a)	(50a)	(50a)	(50a)	(50a)	,	(50h)	,	(50h)	,
(52c)가	,	(52c)가	,	(50)	(50)	가	(53)	(53)	,	(25)	,	(15)	,
,	,	,	,	(50)	(50)	가	(53)	(53)	,	가	,	(15)	,
(A)	가	(A)	가	(41)	(41)	가	(B)	(B)	,	(52)	,	,	,
(41)	가	(41)	가	25	25	가	(15)	(15)	,	(52)	,	,	,
(52)	가	(52)	가	(52c)	2	(50h)	(50h2)	(50h2)	,	(51)	,	(50)	,
(52)	2	(52)	2	(52b)	(52)	(52)	(52a)	(52a)	,	(50h1)	,	(53)	,
h1)				(B)	(B)	(18a1)	,	,	(50h3)	,	(52b)	(18a1)	,
				(52)가	(52)가	(52)가	,	,	(50)	,	(50)	2	(50h)
				(52c)	(52c)	(52c)	,	,	(52)가	,	(50h)	,	(50h)
23	,	,	,	(52)	(52)	(52)	,	,	(73)	1	(73a)	(71)	(7)
1f)	,	,	,	,	(52)	(52)	,	,	(73)	1	(73a)	(71)	(7)
(71)	.	.	.	.	(52)	(52)	,	,	(73)	1	(73a)	(70a)	(70a)
(dashing portion)	.	.	.	.	(70b)	(70b)	,	,	(73)	1	(73a)	(70a)	(70a)
,	,	,	,	,	(60)	(60)	,	,	(73)	1	(73a)	(70a)	(70a)
4)	,	,	,	,	(52)	(52)	,	,	(73)	1	(73a)	(71)	(71)
52)	,	,	,	,	(52)	(52)	,	,	(73)	1	(73a)	(71)	(71)
가	,	,	,	,	(52)	(52)	,	,	(73)	1	(73a)	(71)	(71)
가	,	,	,	,	(52)	(52)	,	,	(73)	1	(73a)	(71)	(71)
2	,	,	,	,	(52)	(52)	,	,	(73)	1	(73a)	(71)	(71)
(41)	2	(41)	2	(41)	(41)	(41)	,	,	(73)	1	(73a)	(71)	(71)
2	,	,	,	,	(41c)	(41c)	,	,	(73)	1	(73a)	(71)	(71)
(41c)	2	(41c)	2	(41c)	(41c)	(41c)	,	,	(73)	1	(73a)	(71)	(71)
가	,	,	,	,	(40b1)	(40b1)	,	,	(73)	1	(73a)	(71)	(71)
가	,	,	,	,	(40b1)	(40b1)	,	,	(73)	1	(73a)	(71)	(71)
a)	,	,	,	,	(40b1)	(40b1)	,	,	(73)	1	(73a)	(71)	(71)
b)	,	,	,	,	(40b1)	(40b1)	,	,	(73)	1	(73a)	(71)	(71)
(B)	,	,	,	,	(40a2)	(40a2)	,	,	(73)	1	(73a)	(71)	(71)
					(40a1)	(40a1)	,	,	(73)	1	(73a)	(71)	(71)

가 (B) (15)가 (12).
 (41a2) (W) (42)) (42a1)
 (B) 2 (40b) (40b1) (11).
 , (51) 가 (15) , 2 (41c) (41) 2 (41c), (41a)
 (2) 2 가 . 2 , 1
 가
 26 . , (75) (71) (71f)
) (76) (75) (75a) (71) (73) 1 (73a) (75) (71f)
 (76) (71f) (75) (71f)
 27 , , (76) (52) (75) (75) (71f) (71f)
 , , (71) (52) (B) (53) (B)
 (71) (71h) 가 (71) (11f) (11f3)
 28 (71) (52) (52a) , (70) 17 (71) (71)
 (71e) (71) , (73) 1 (73a) (75) (76) (70a) (52) 가 (60)
 (76) (71) , (71) , (76) (70a) (71) (70) (71f)
 가 (60) (75) (76) (71) (73) 22.
 , 29 (76) (52) (73) (52d2) (77) (71f, 52d2)
 (52d2) (78) , , (73) , , (73) (73) (52d1)
 , , , , , , , , , ,
 (3) 3 가 . 3 , 1
 가
 3 가 (15) [가 (15)] (97) (A) (97) 가
 (A) (91) (24V) 32 (ON) (A) (97) (91) (97) , ,
 (15) 가 (15) [(91)] (15) (97) (A) (97) (91) , ,
 (A) (A) (A) (98) (98c) (98) 3 (50h4) (40) (98) (98a)
 , , , , , , , , , ,
 (15) (98) (98b) , (50) (98) (97a) (97) ON (70)
 (98) 가 (98b) , , , , , , , , ,
 1 (70a) (60) (60b) (15) 가 (90a) (52) (18a) (52b) (1) (18a1)
 8a) (90a) , , , , , , , , ,
 31 가 (15) 가 (98) , (51) (97) (A) (97a) (50)
 (Y)] (32) , , (97) 가 OFF 1 (97) 가 OFF (70)
 (70a) (60) (60b) , , , , , , , , , (A)

) / (93)(32) (91) 32 (60) / (93), . , , 가
 1 (15)가 , (52) 1 23 (71) (71f) (71) (70a) (70b) 가
 (73a) (71) (19) , (70) (70a) (70b) 가
 (52) 가
 (60)(18) .
 , 가 (15)가 (97)가 OFF 가 , / (93)
 , (A) / (93)(32) (93)(32) (60) (60b) (60b) , / (93)(32) (70)
)(32) (70a) (60) (60) (60b) , / 가
 가 .

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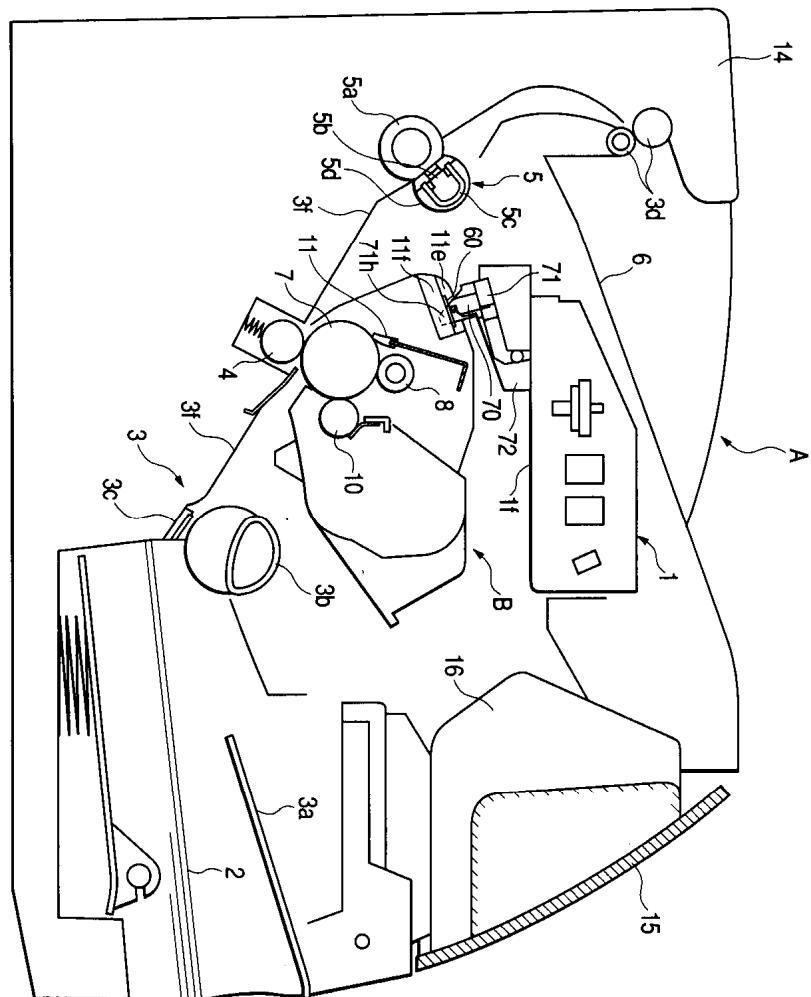
가 , , , ,
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가 , , , ,
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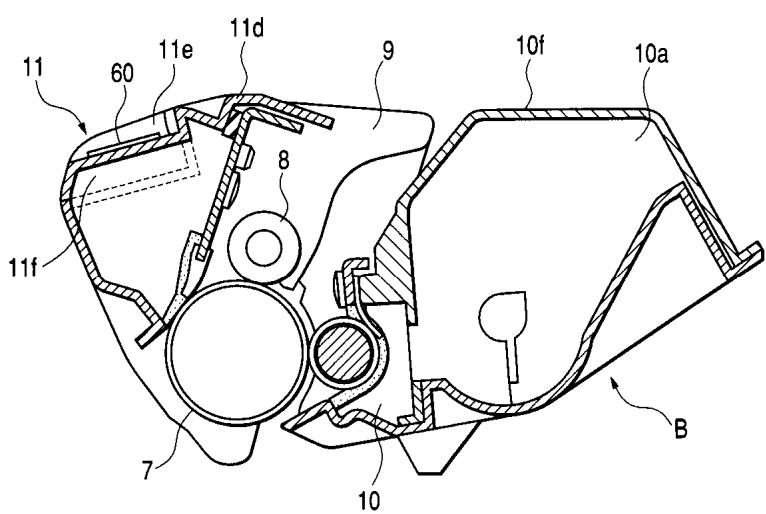
가

가

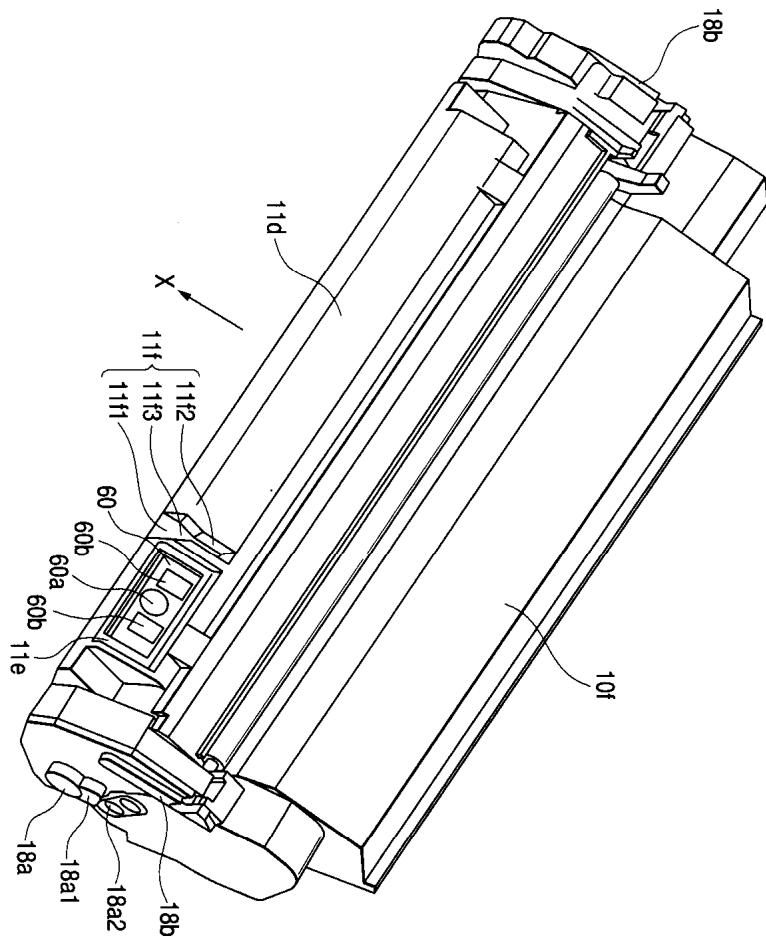
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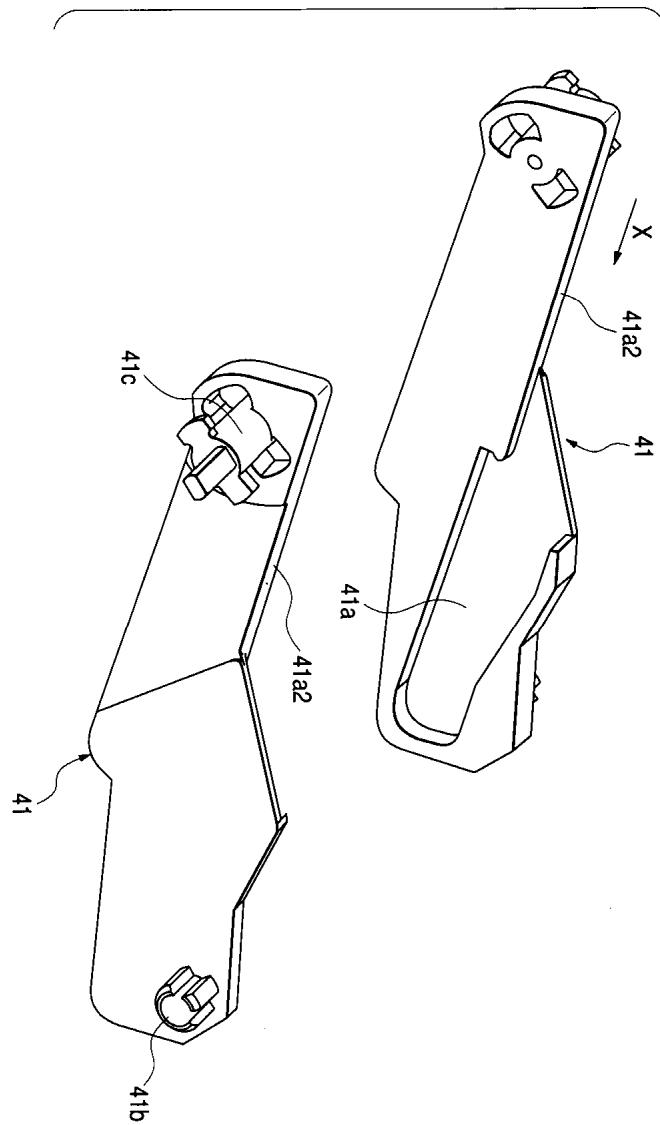


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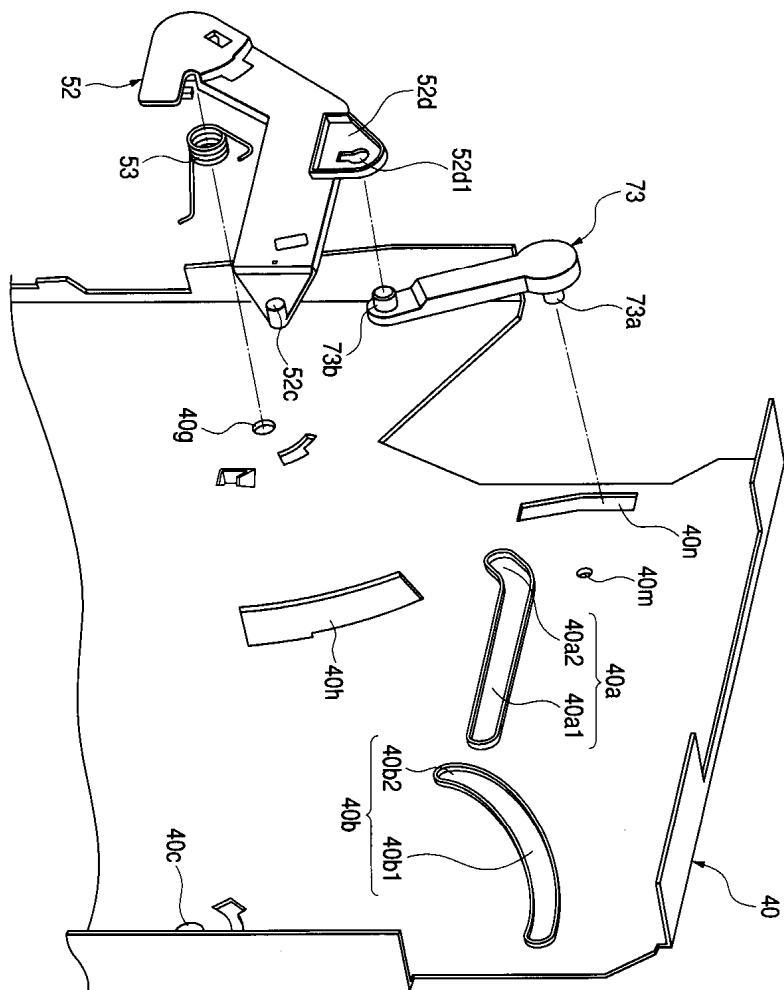


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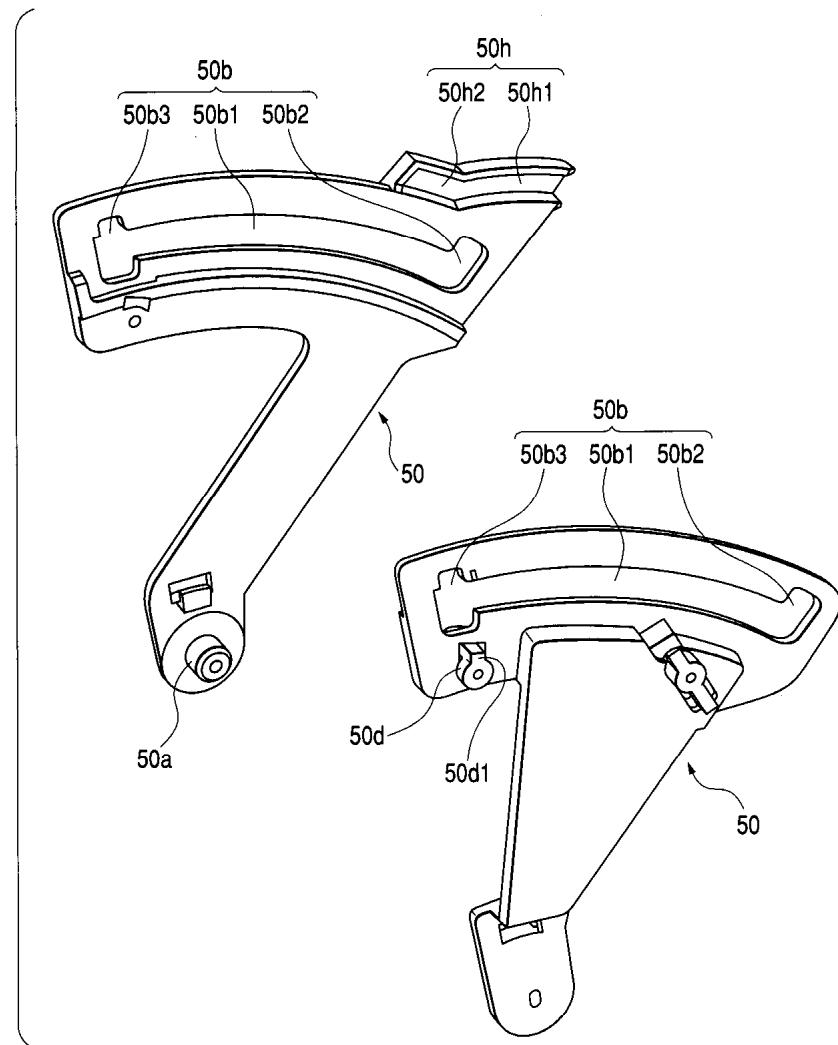




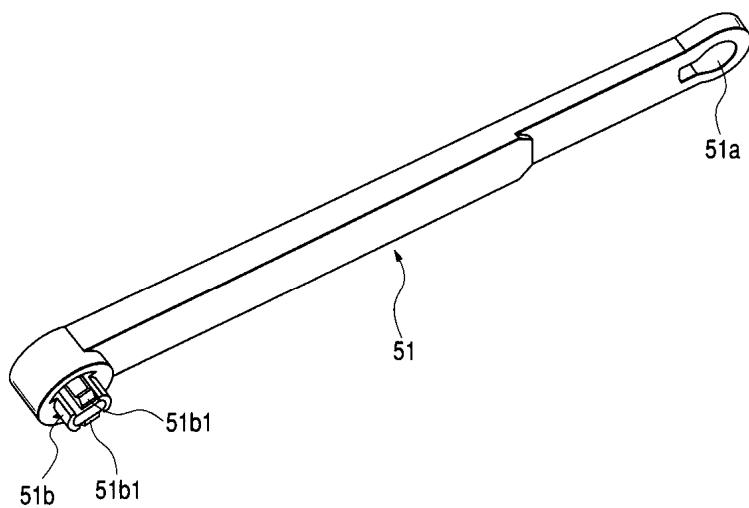
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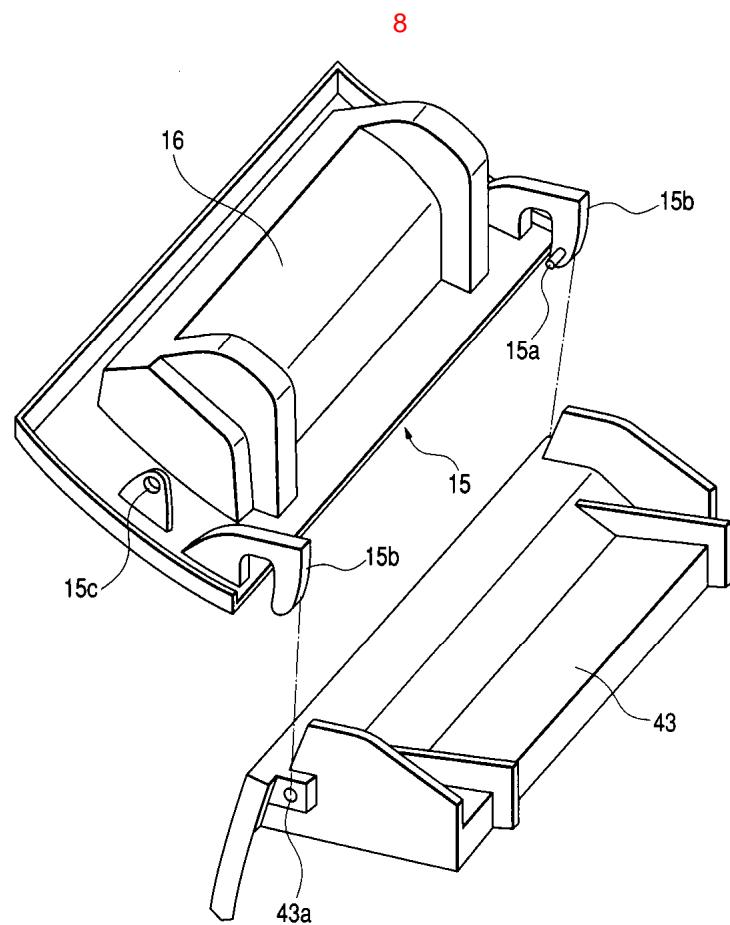


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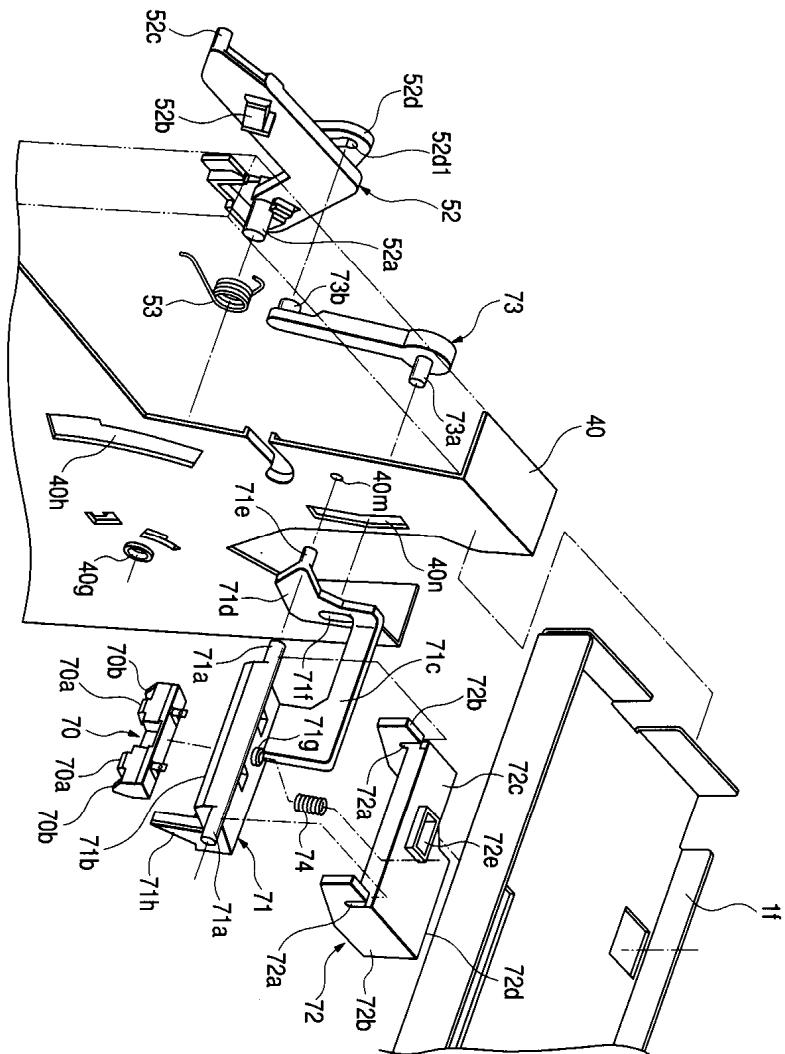


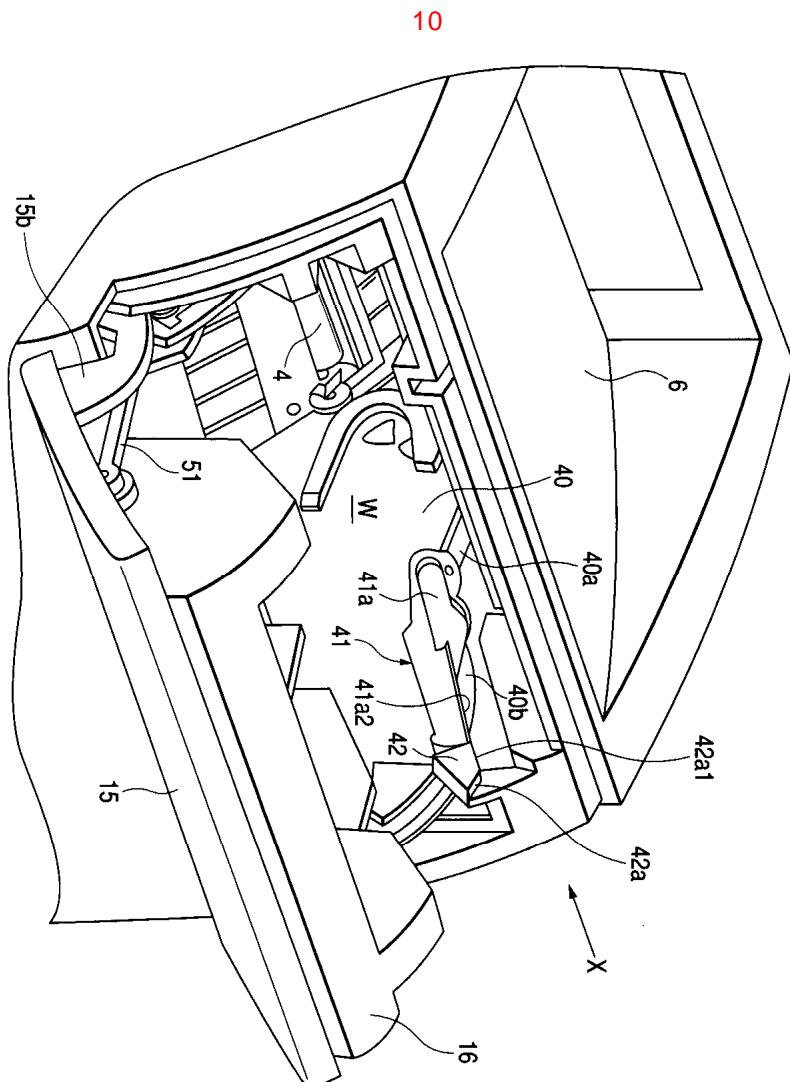
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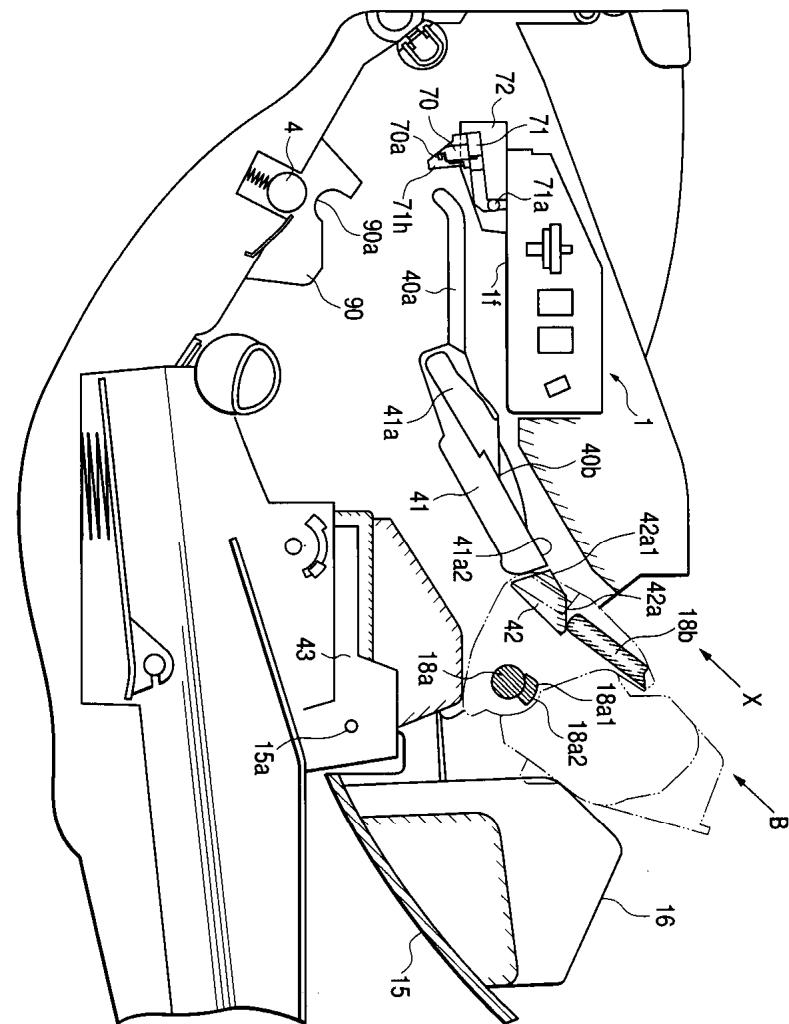


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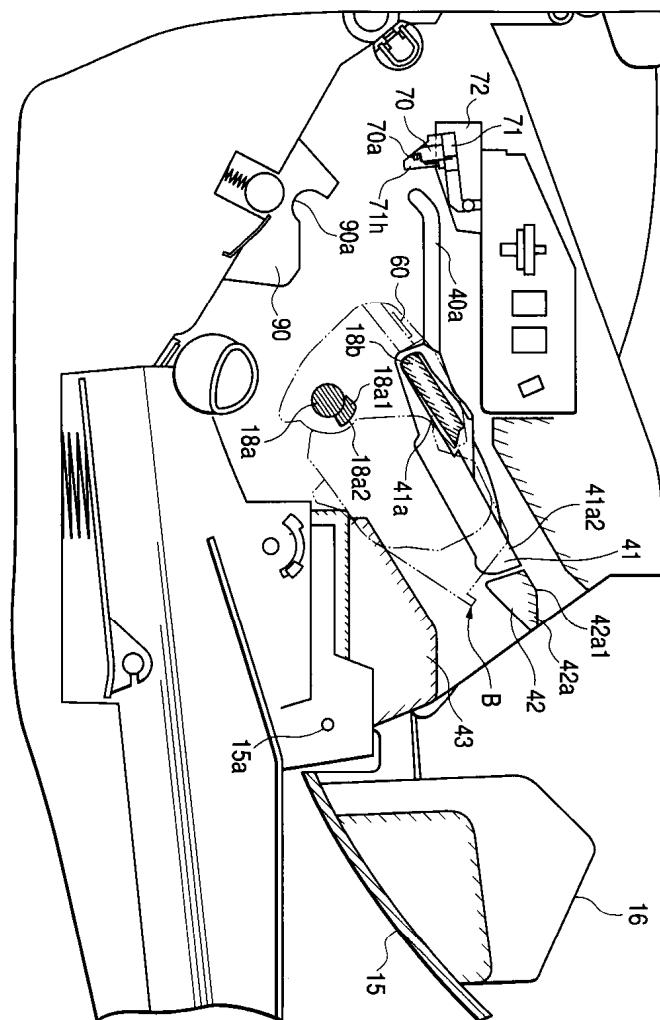




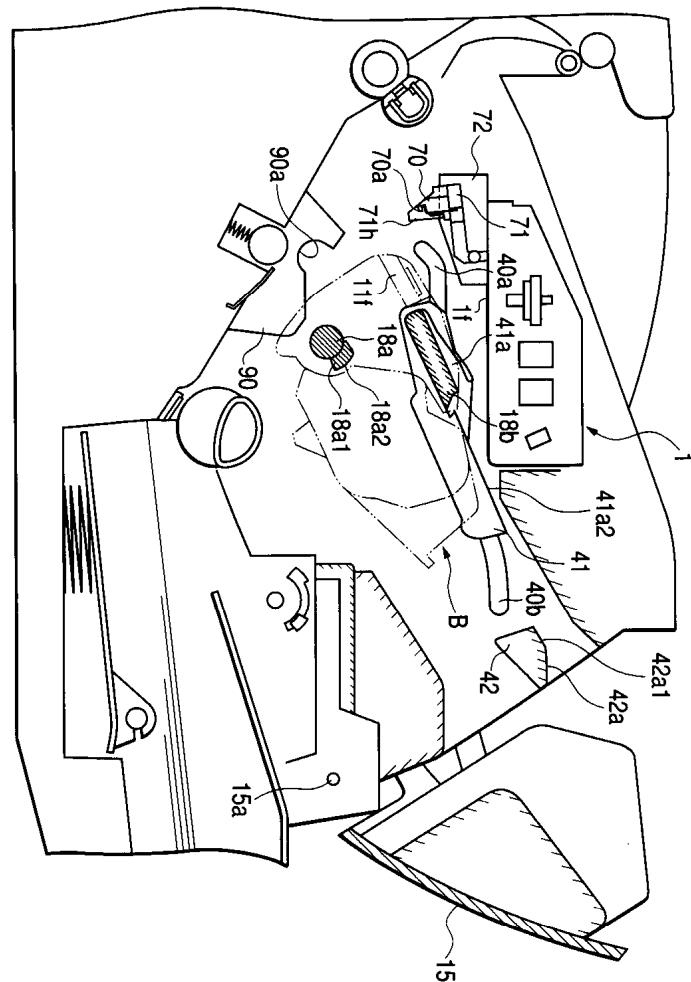
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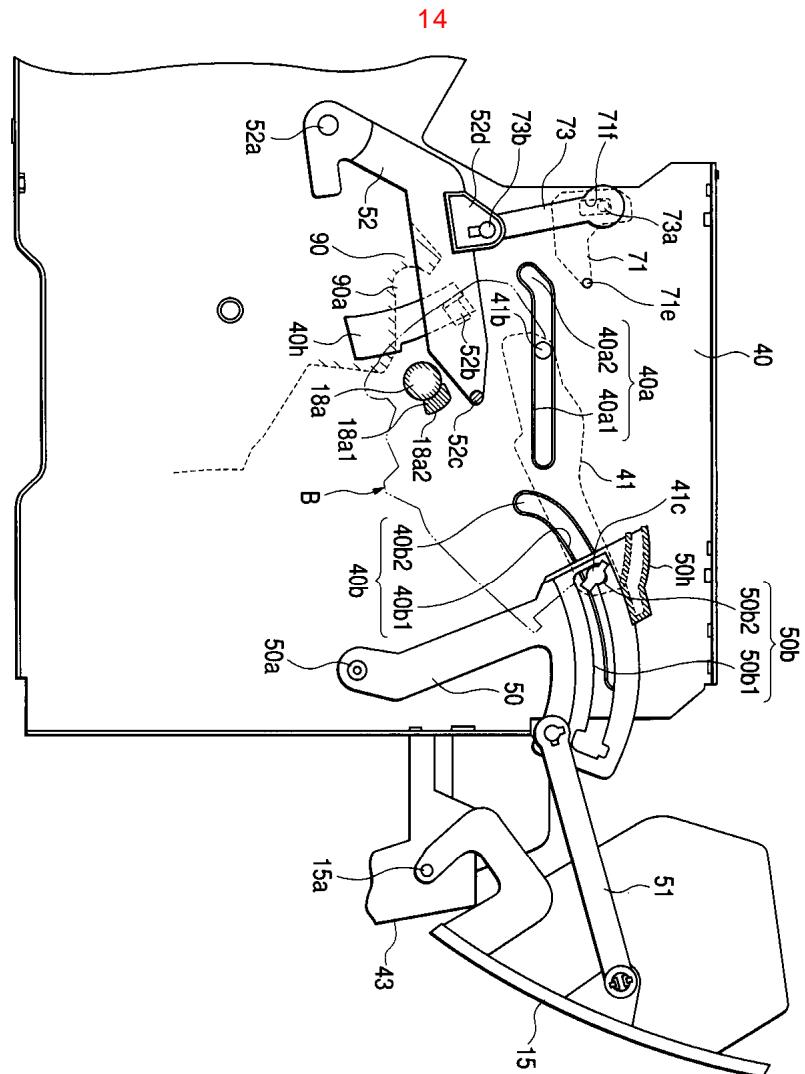


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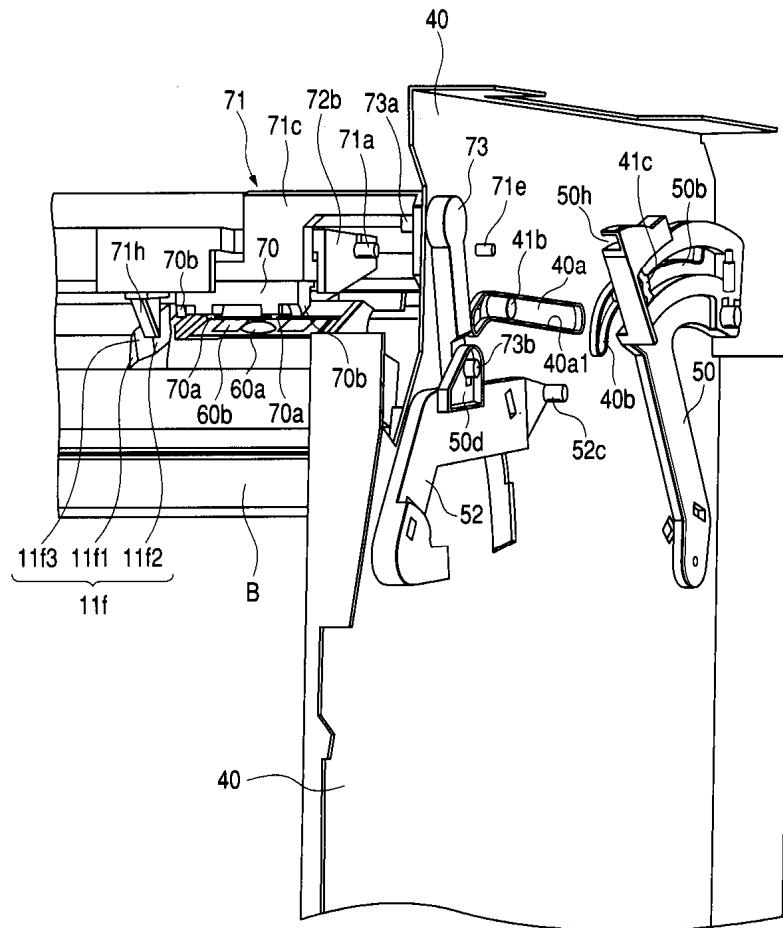


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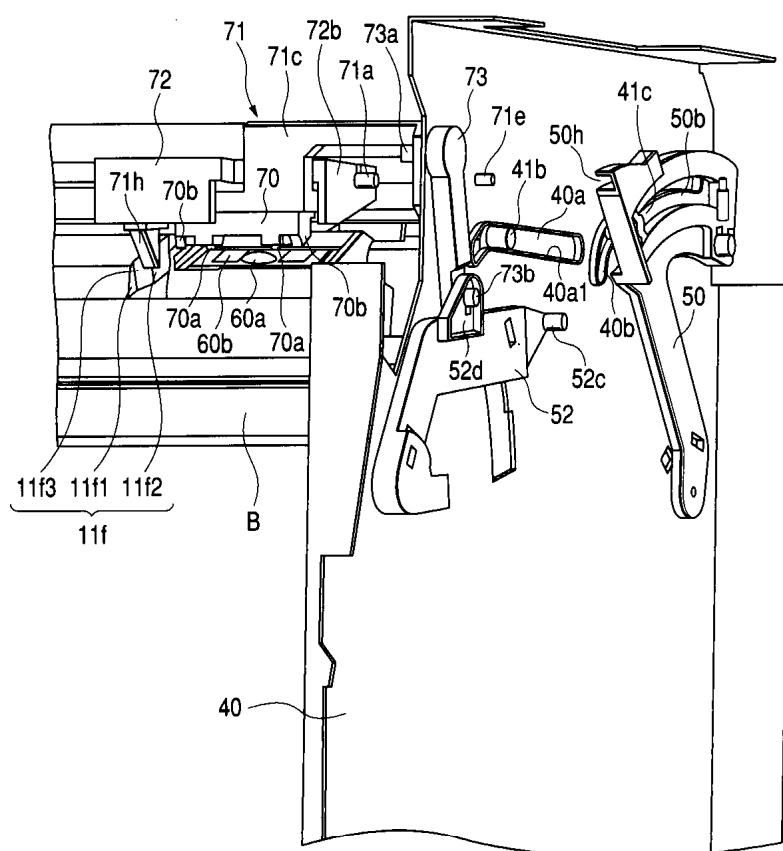




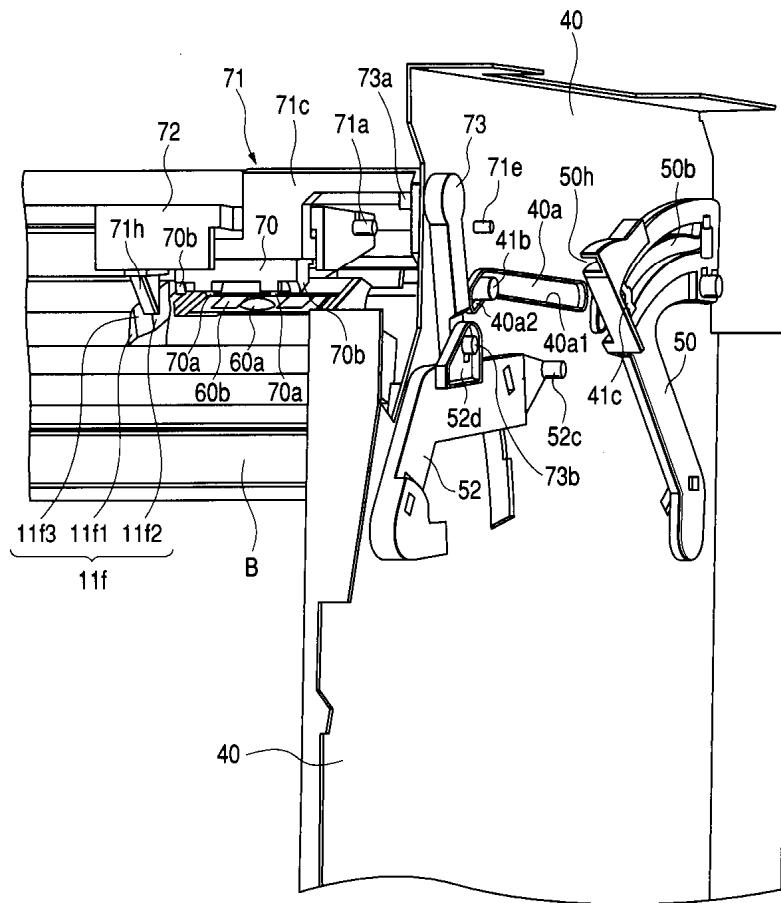
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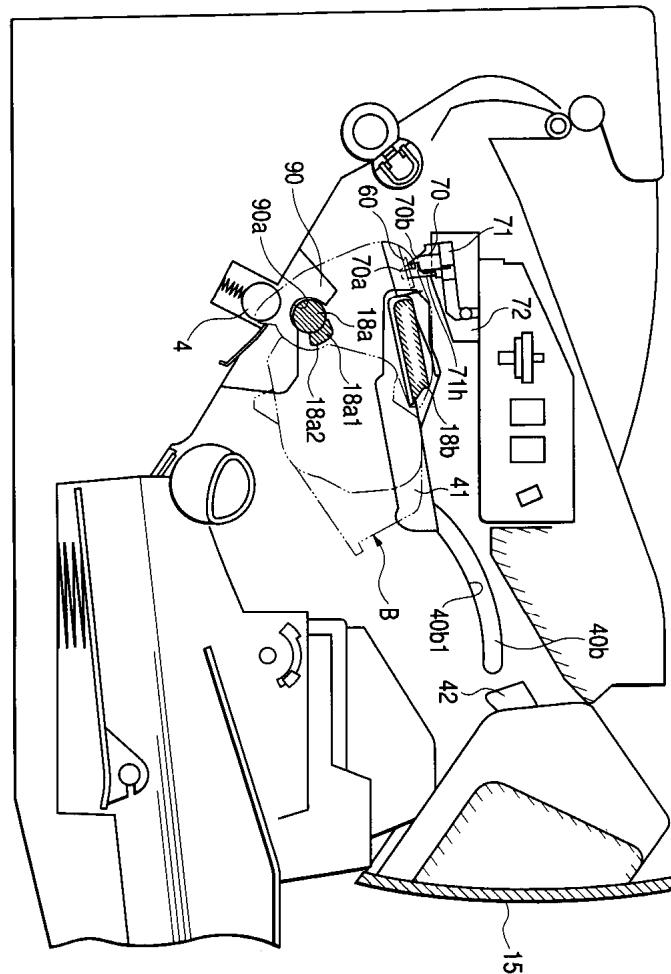
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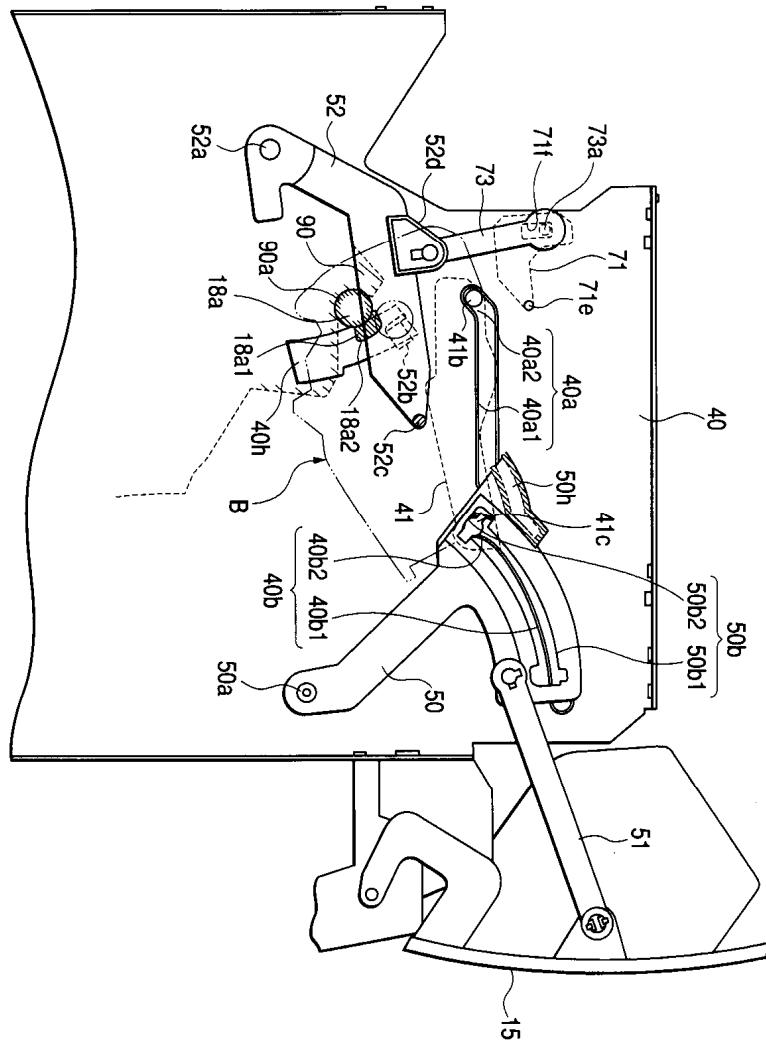
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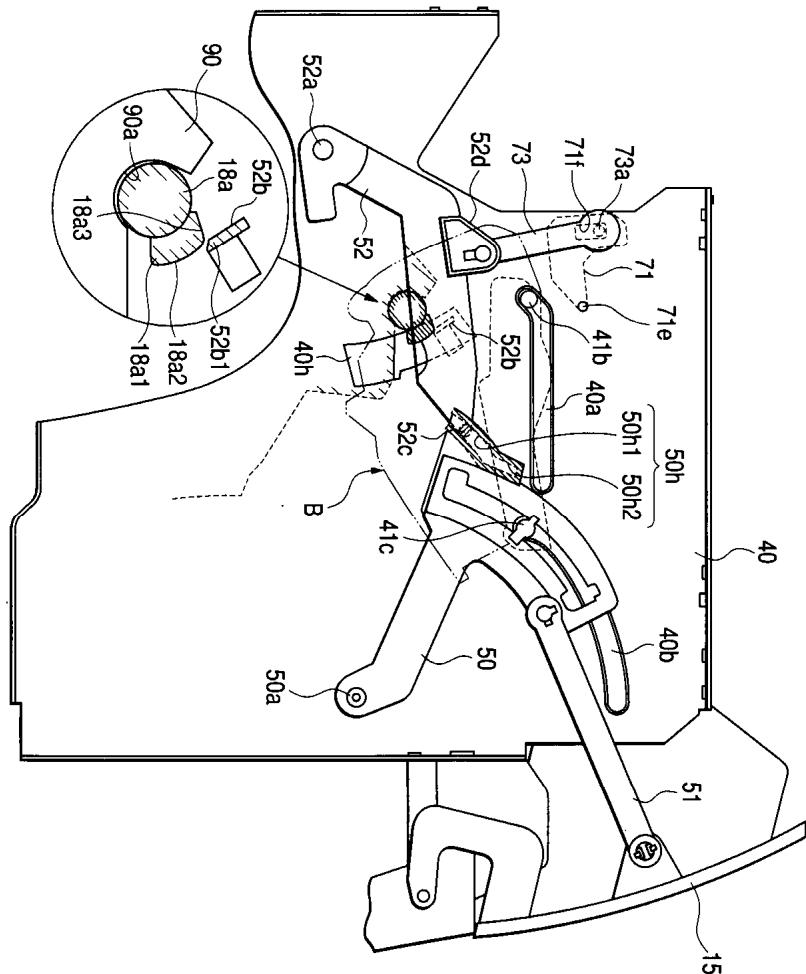
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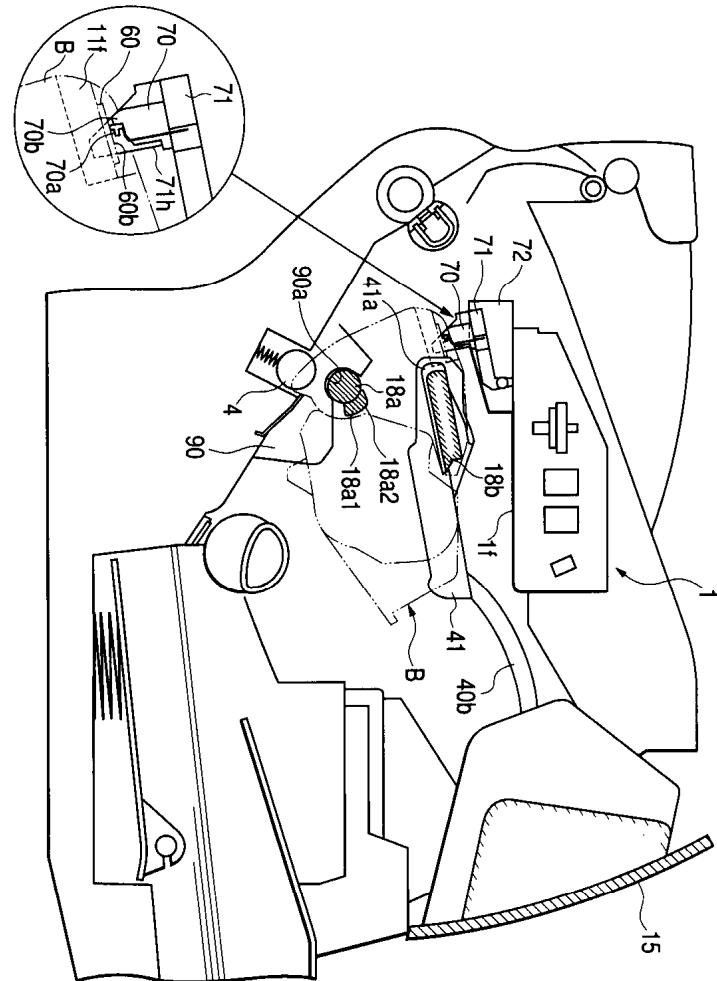
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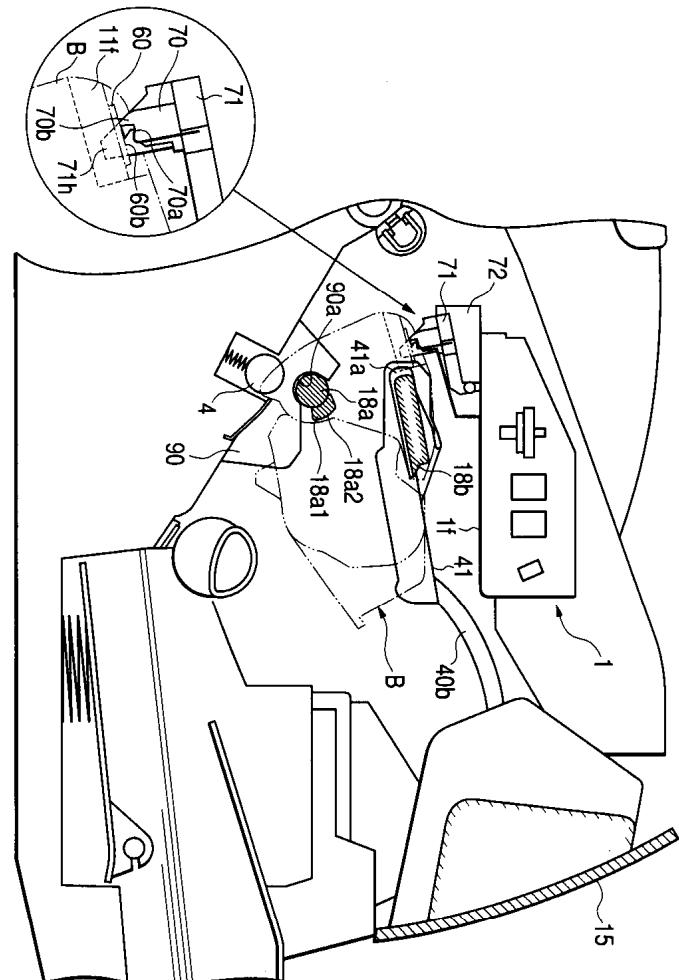
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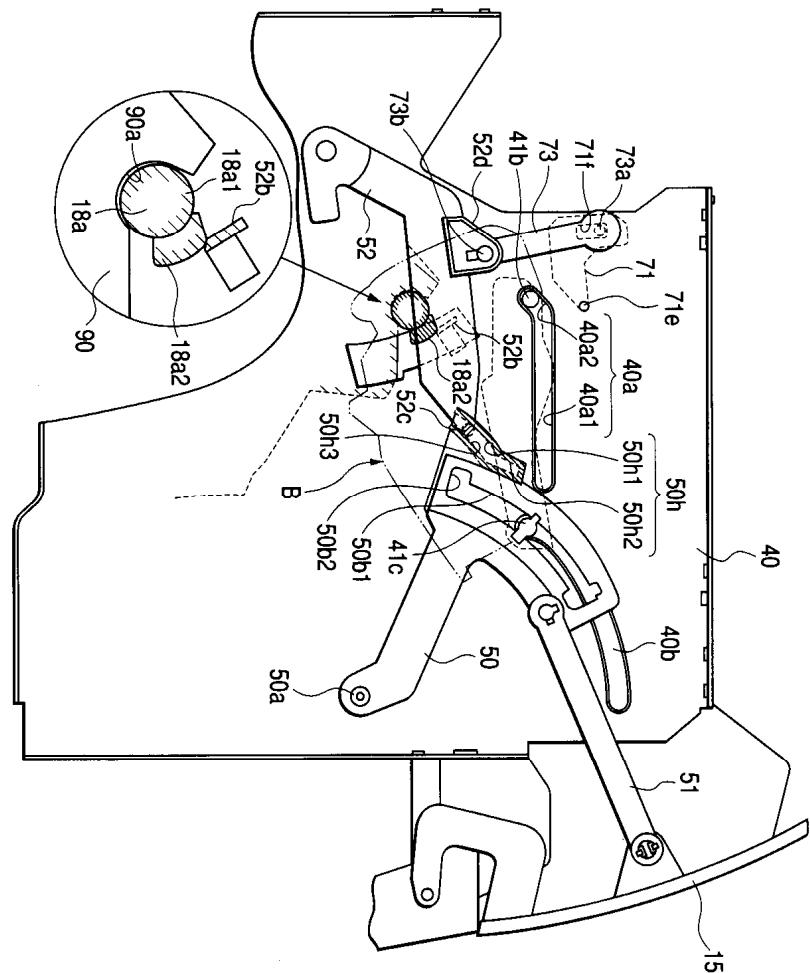
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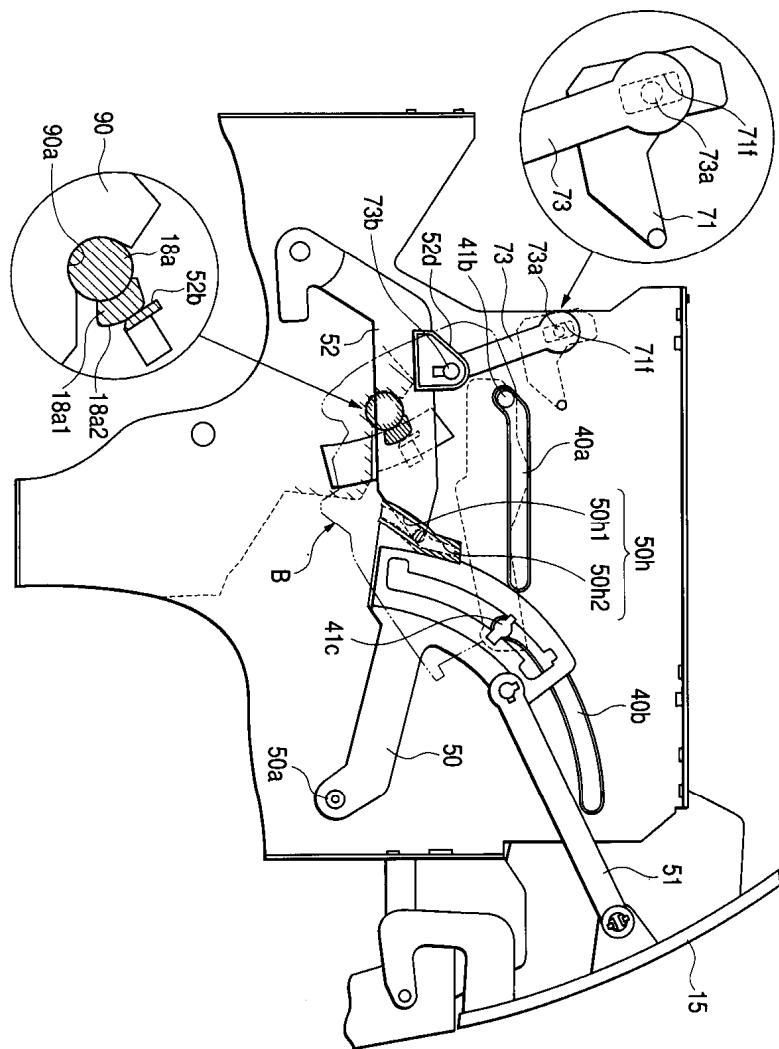
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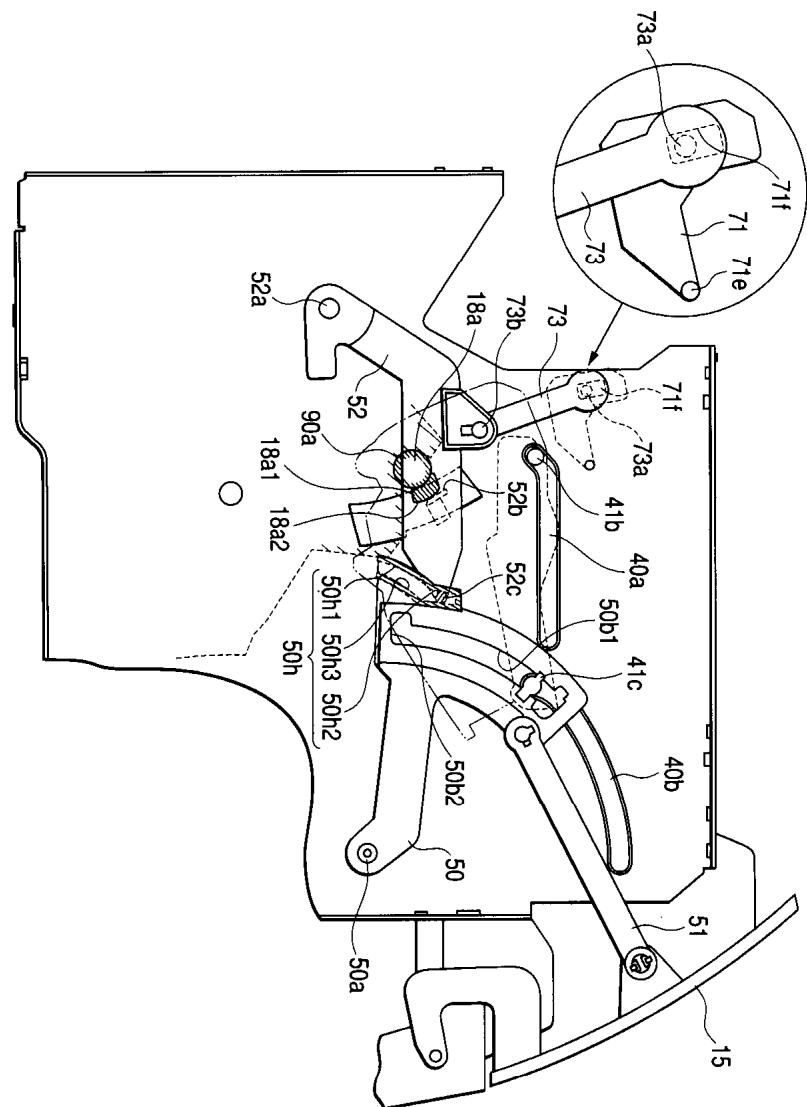
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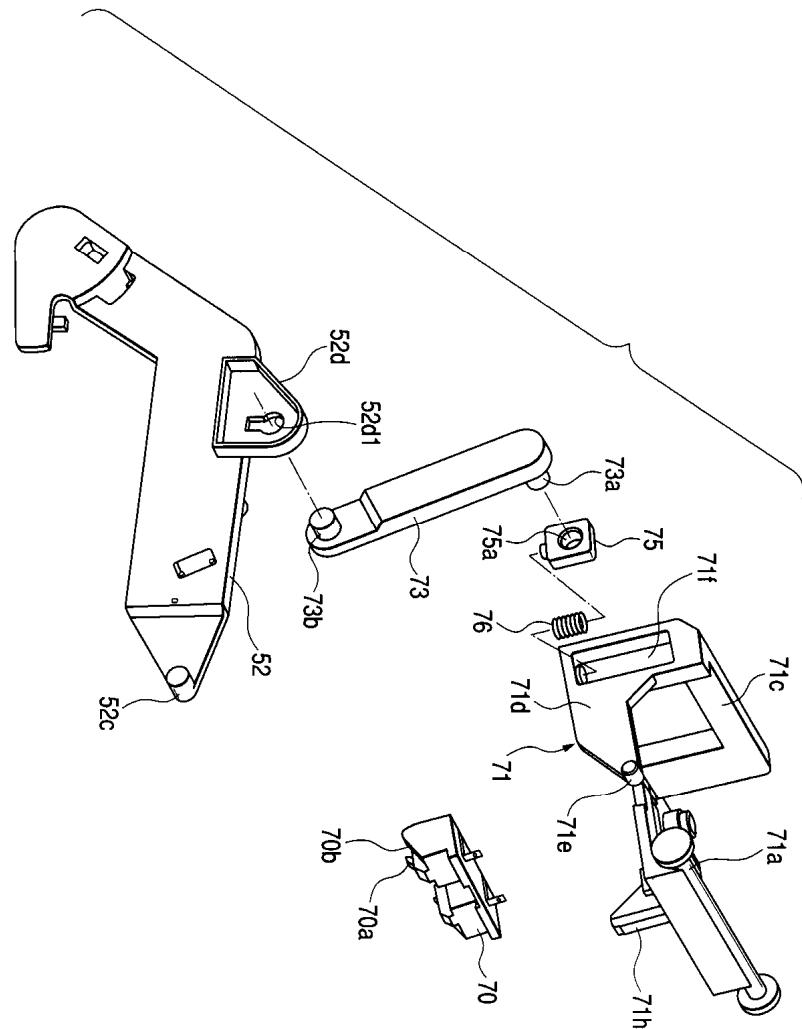
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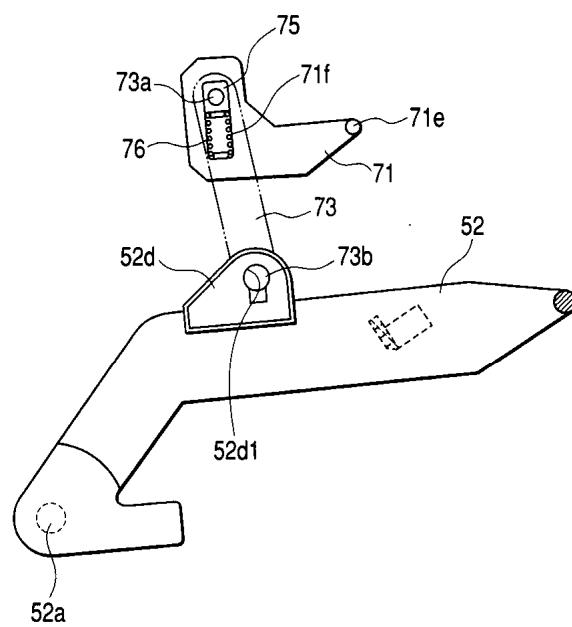
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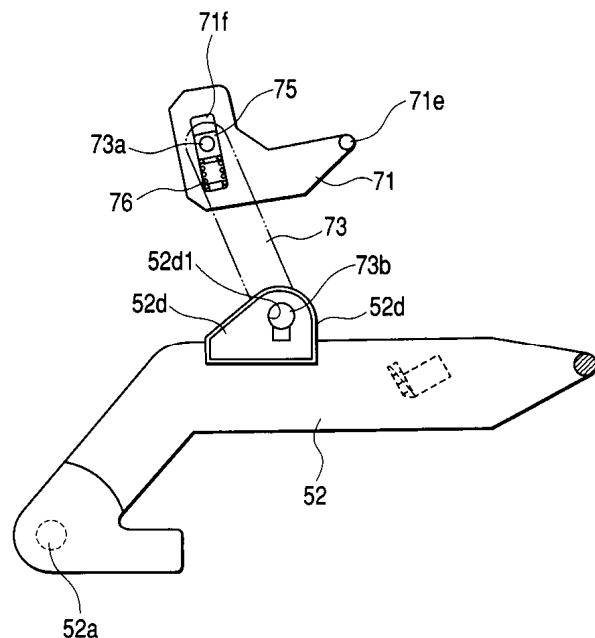
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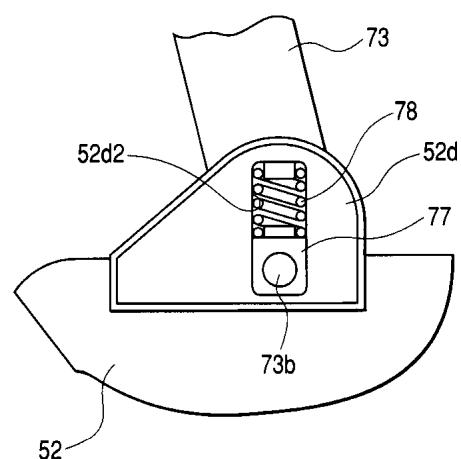
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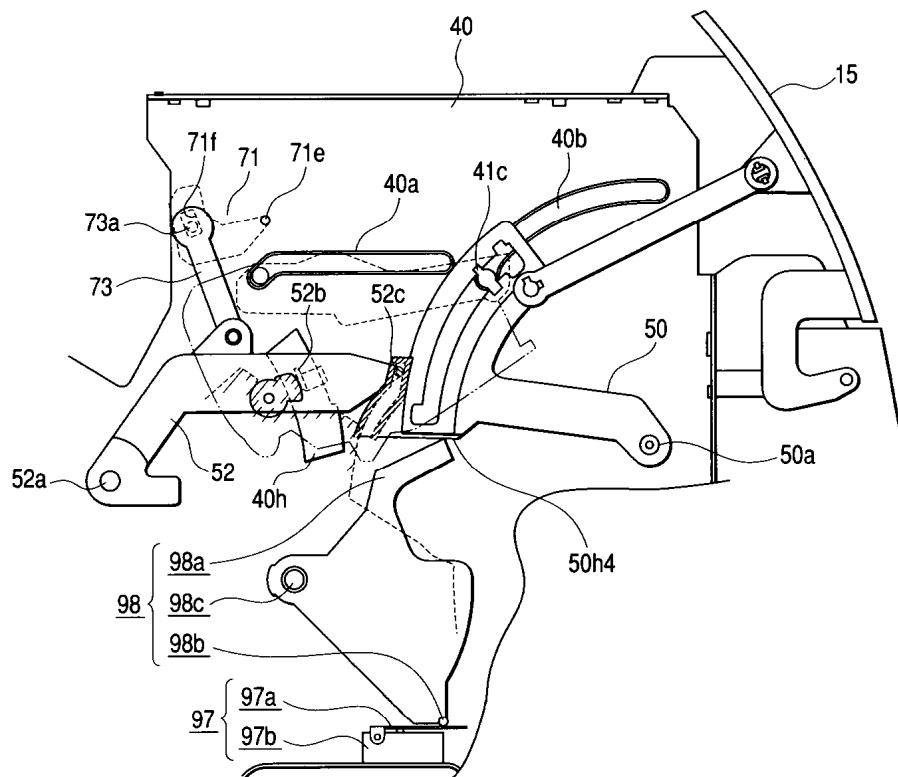
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