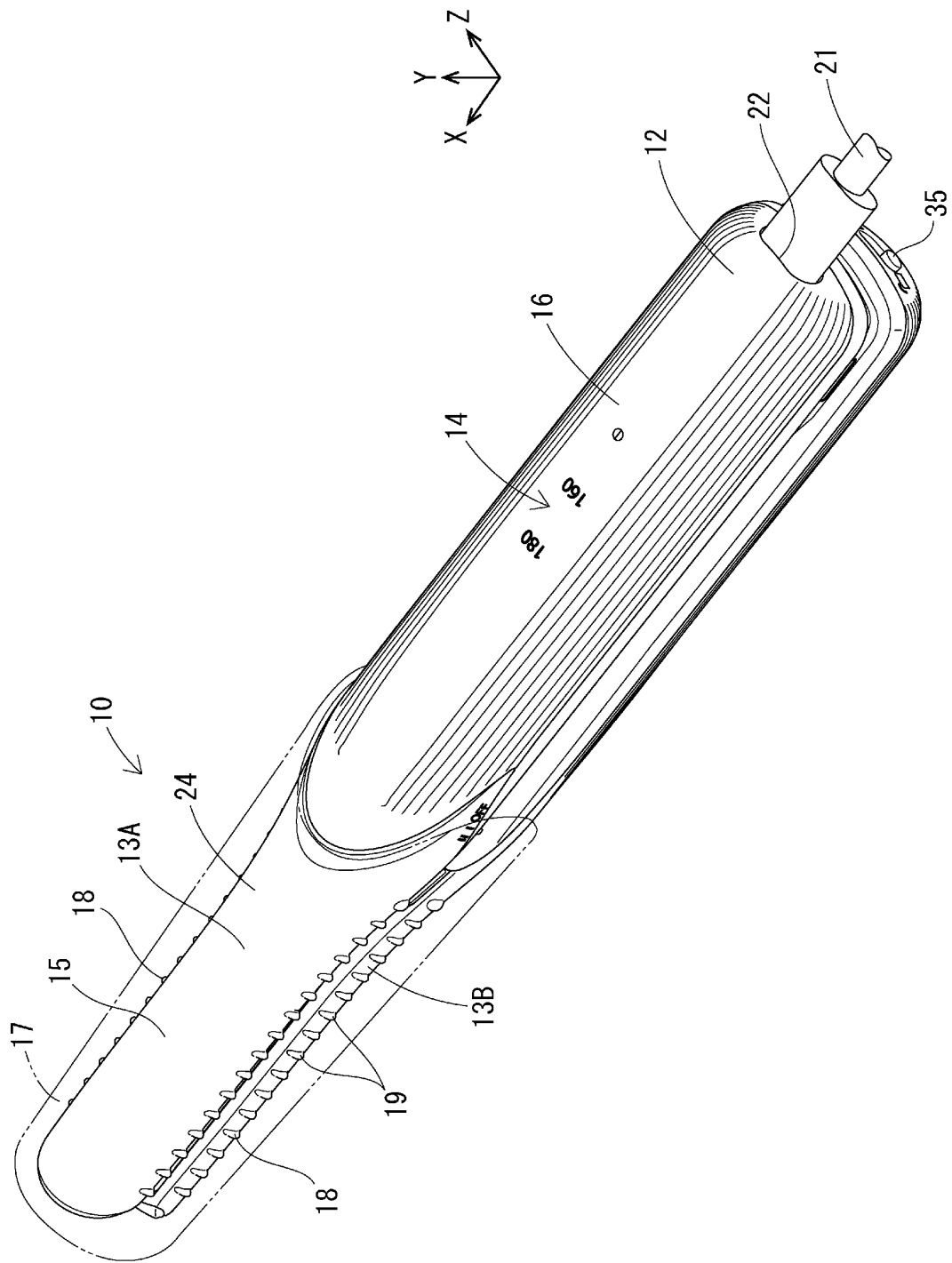
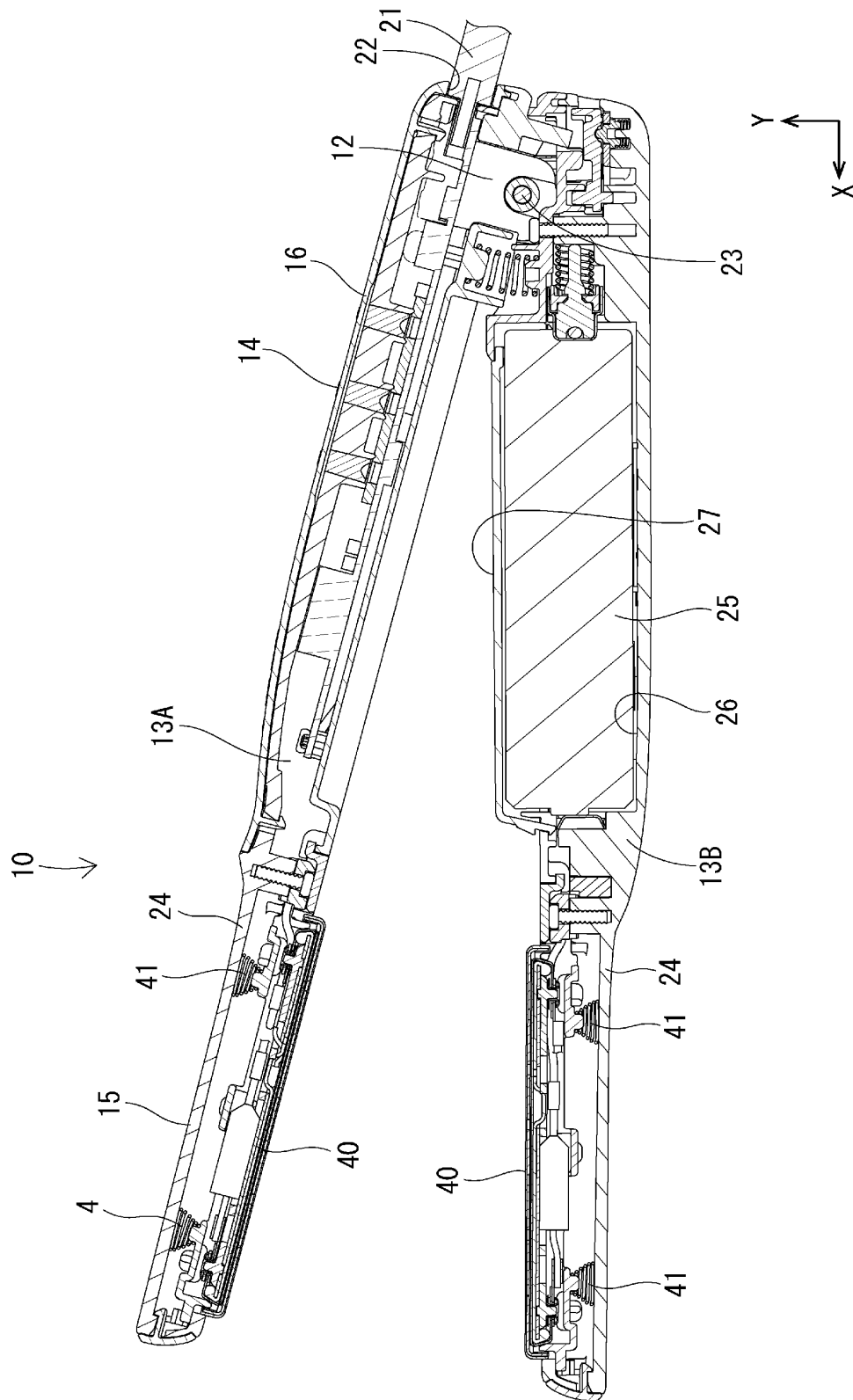


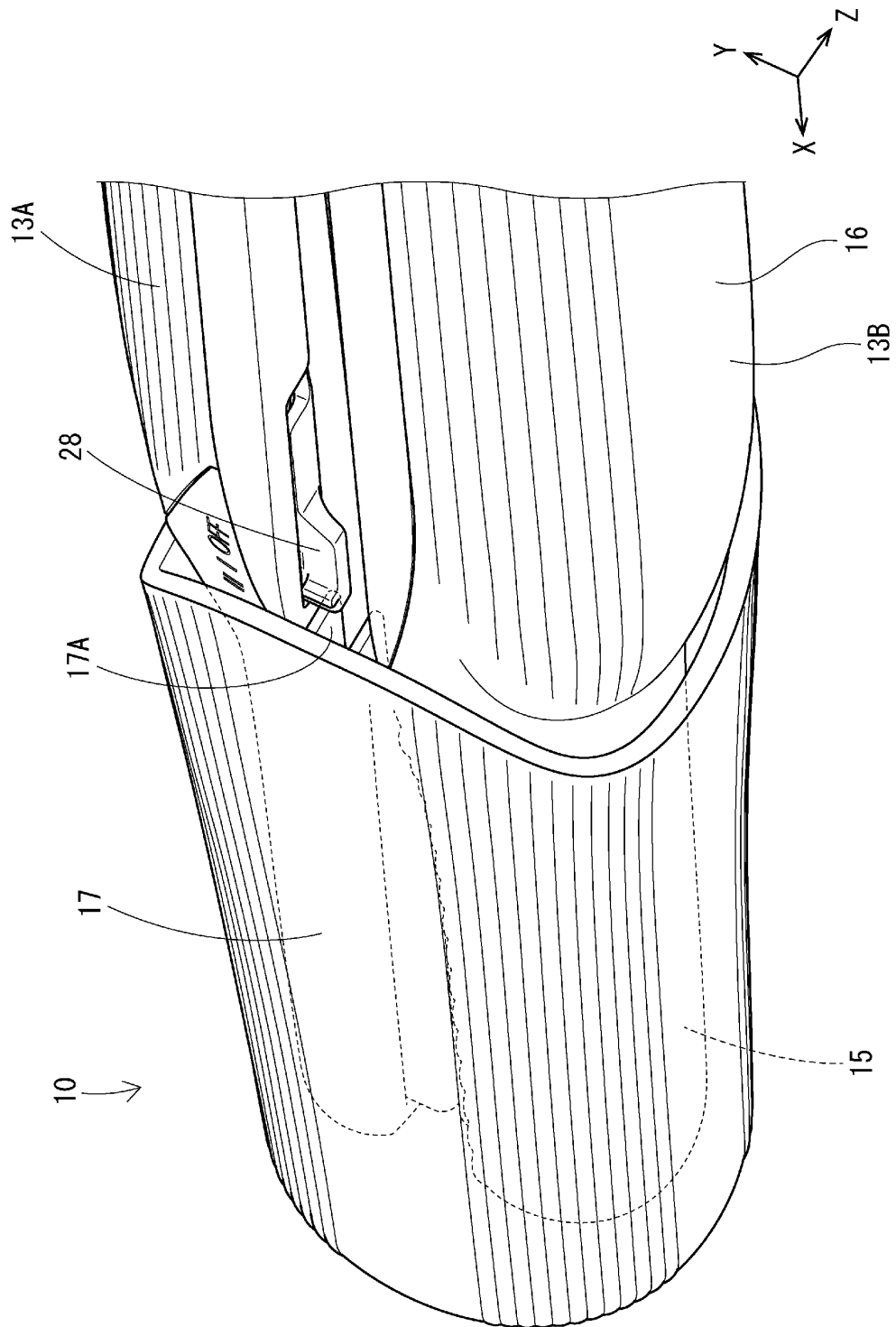
[図1]



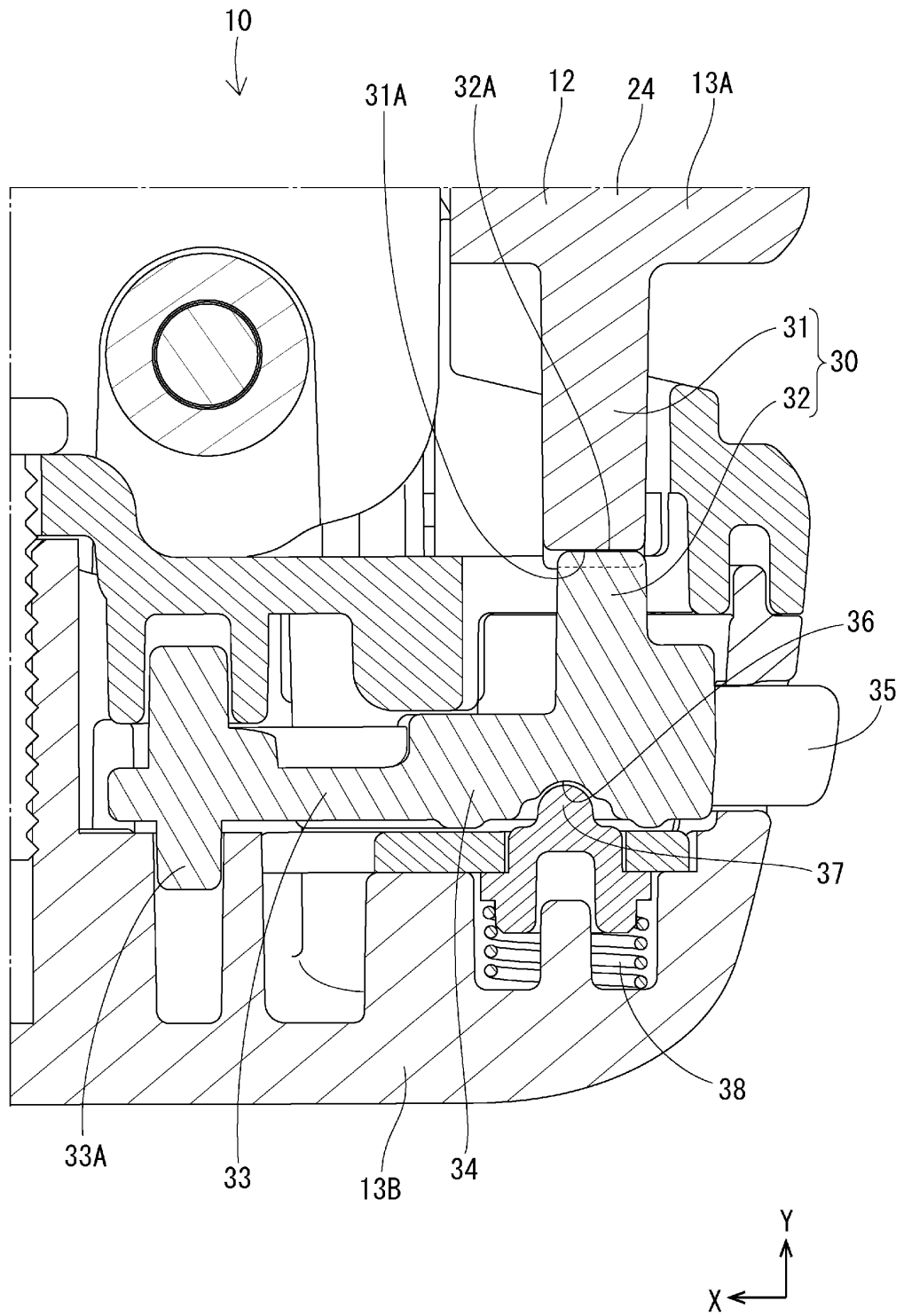
[図2]



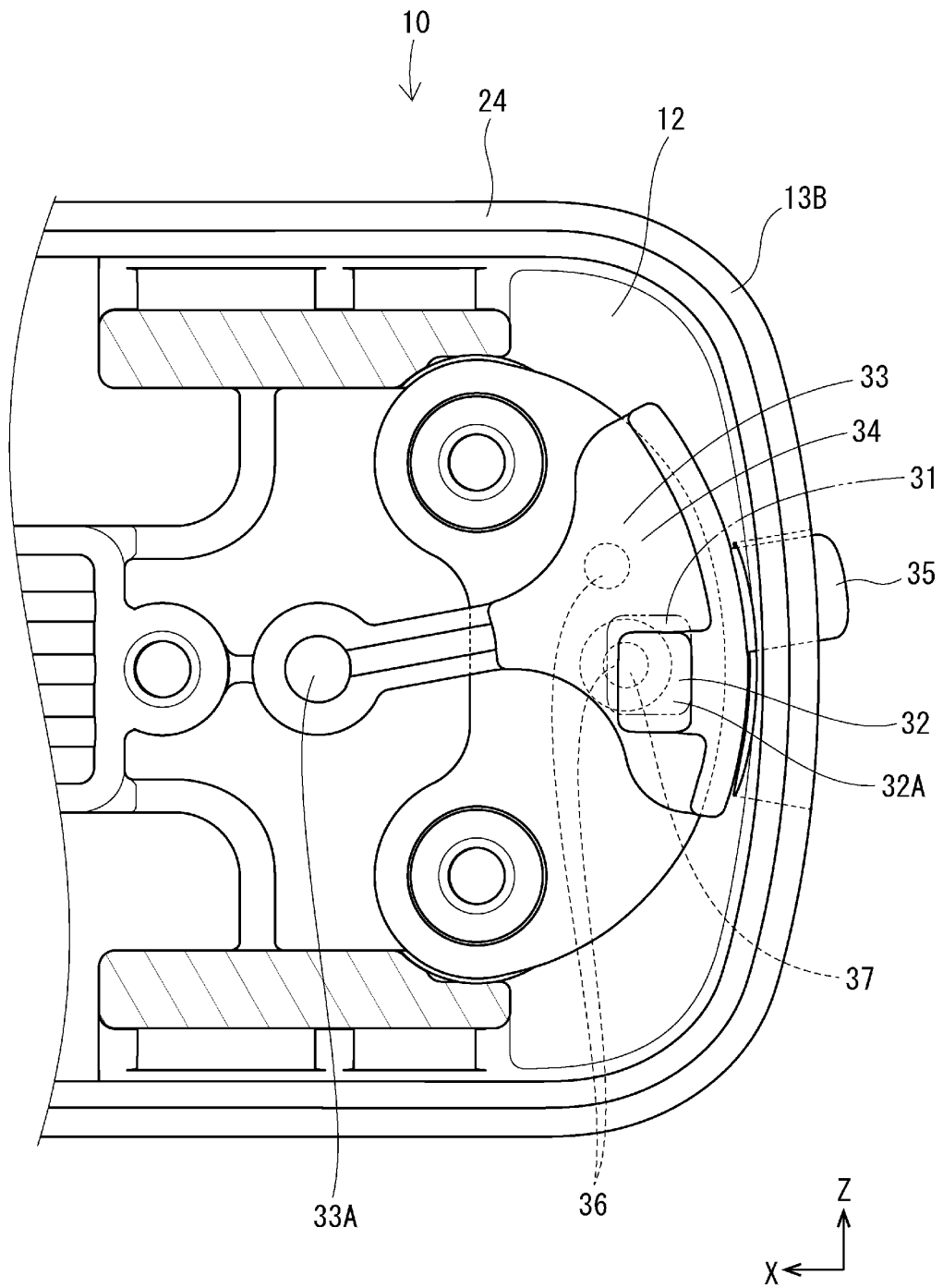
[図3]



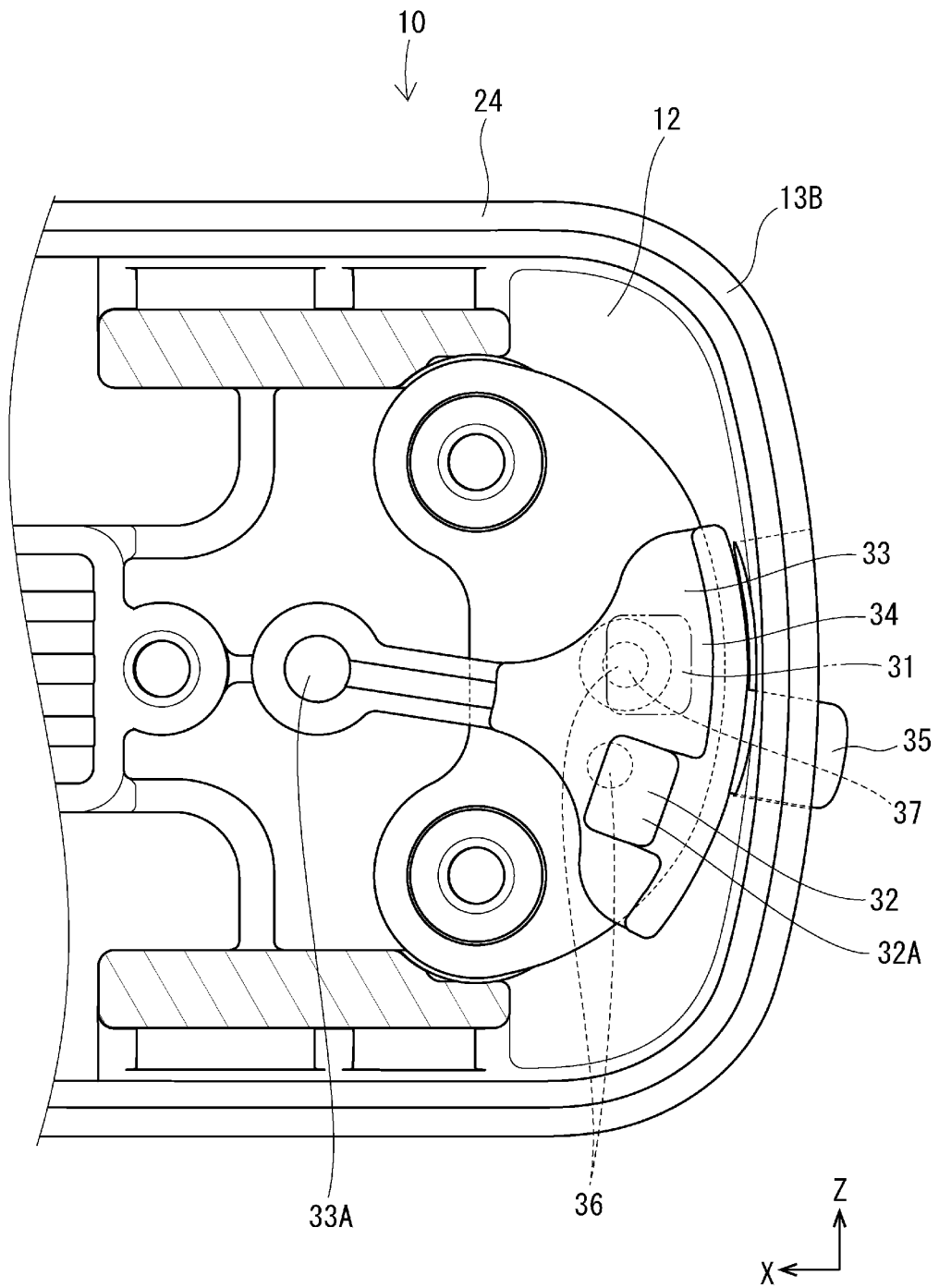
[図4]



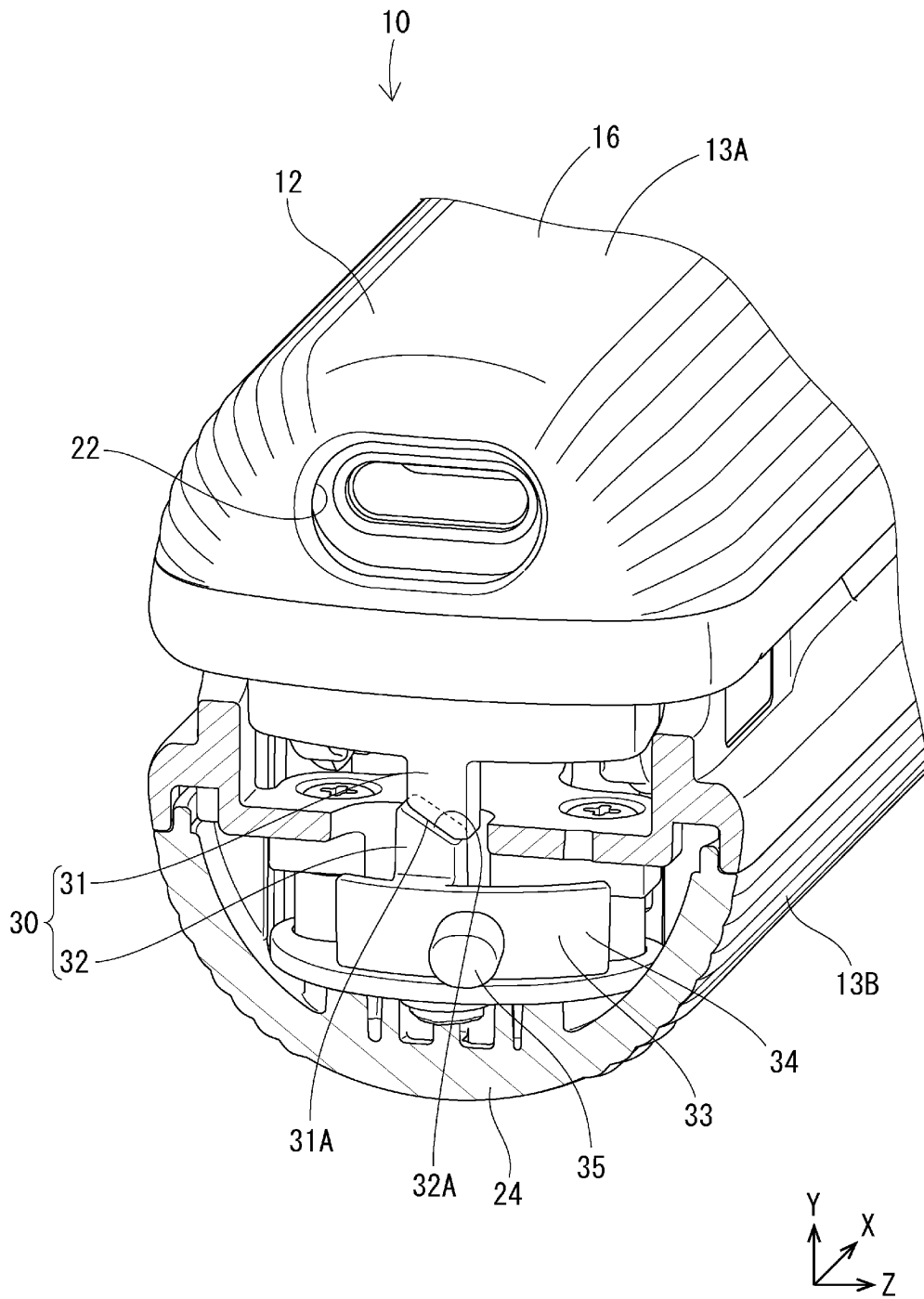
[図5]



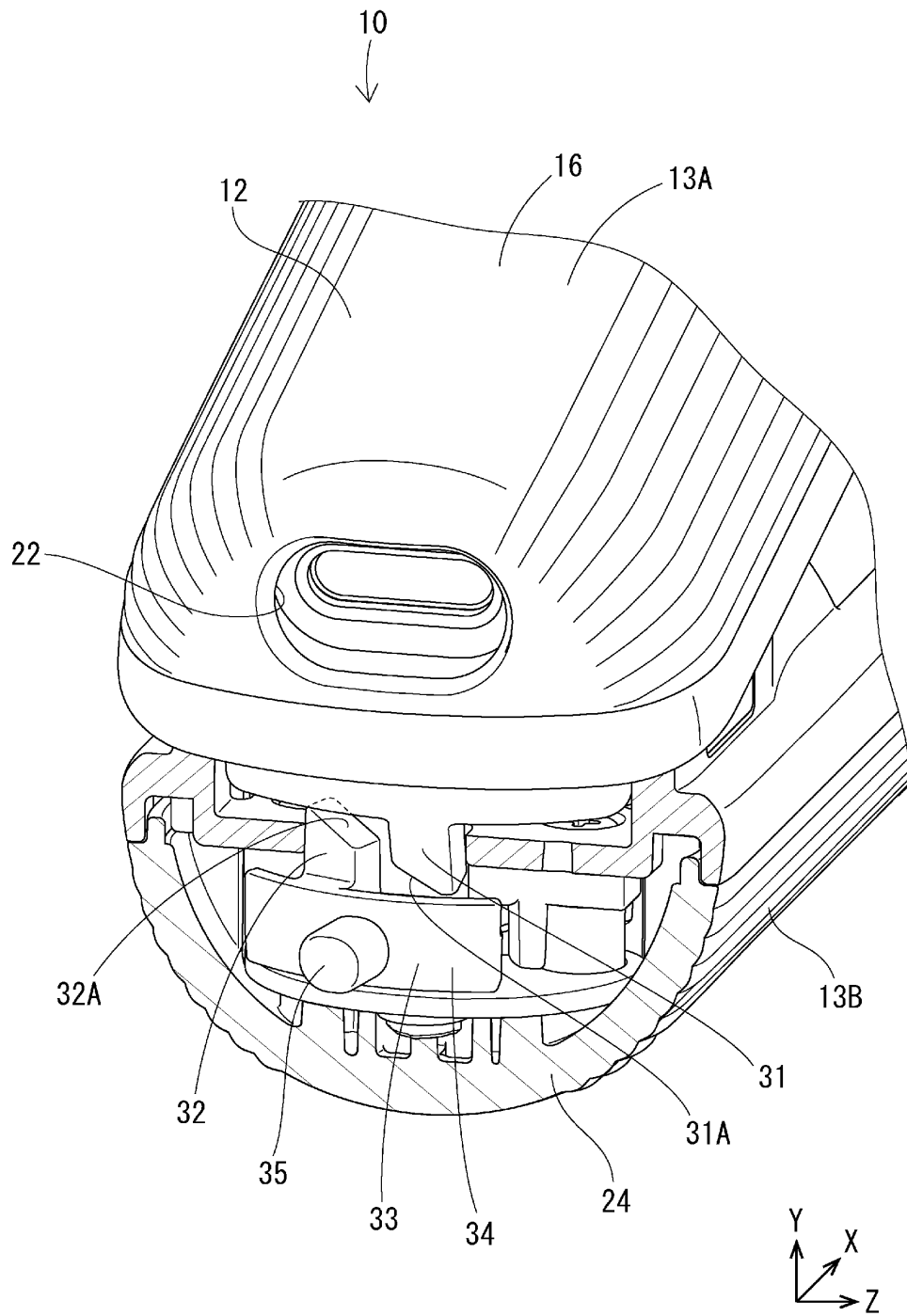
[図6]



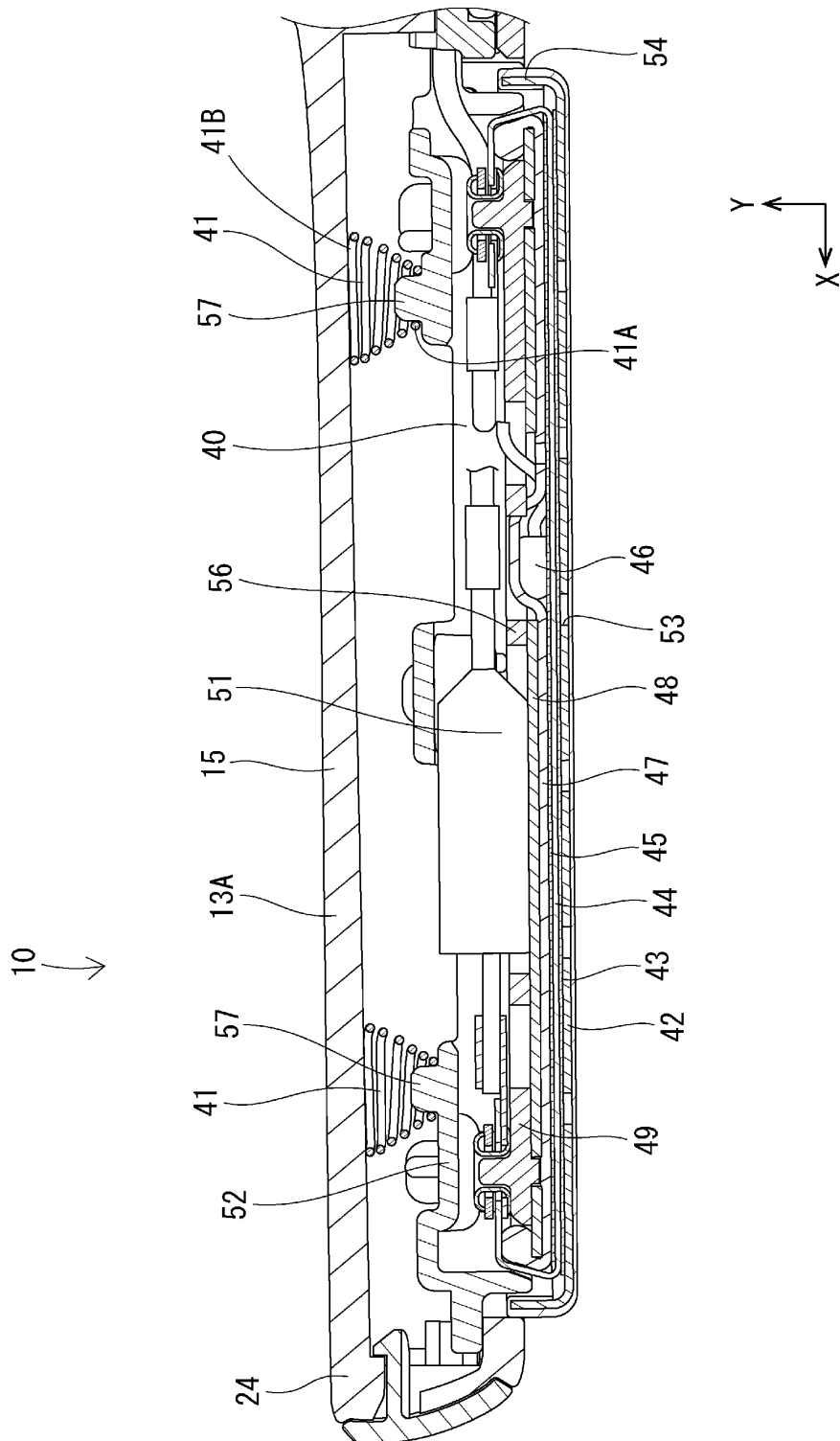
[図7]



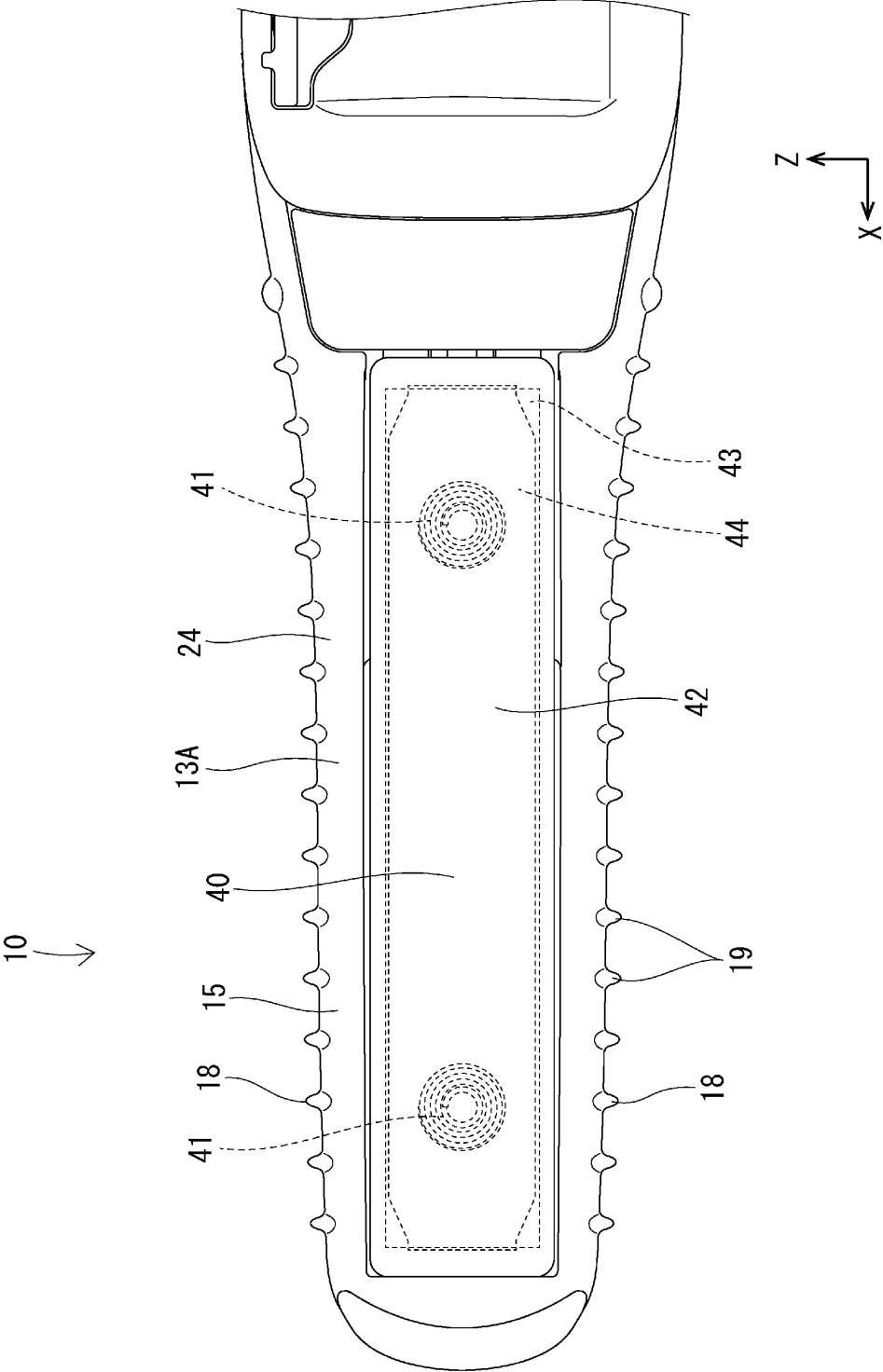
[図8]



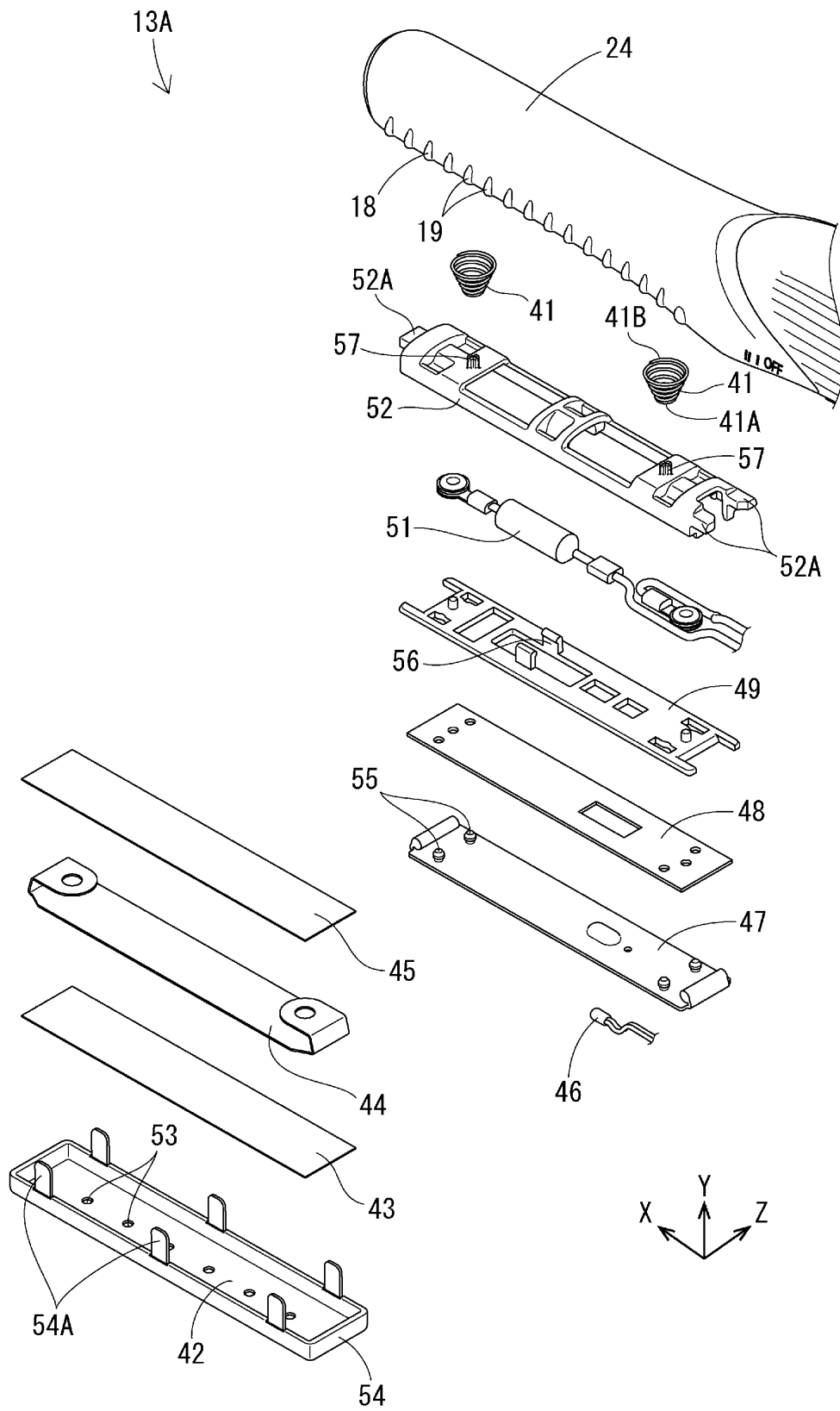
[図9]



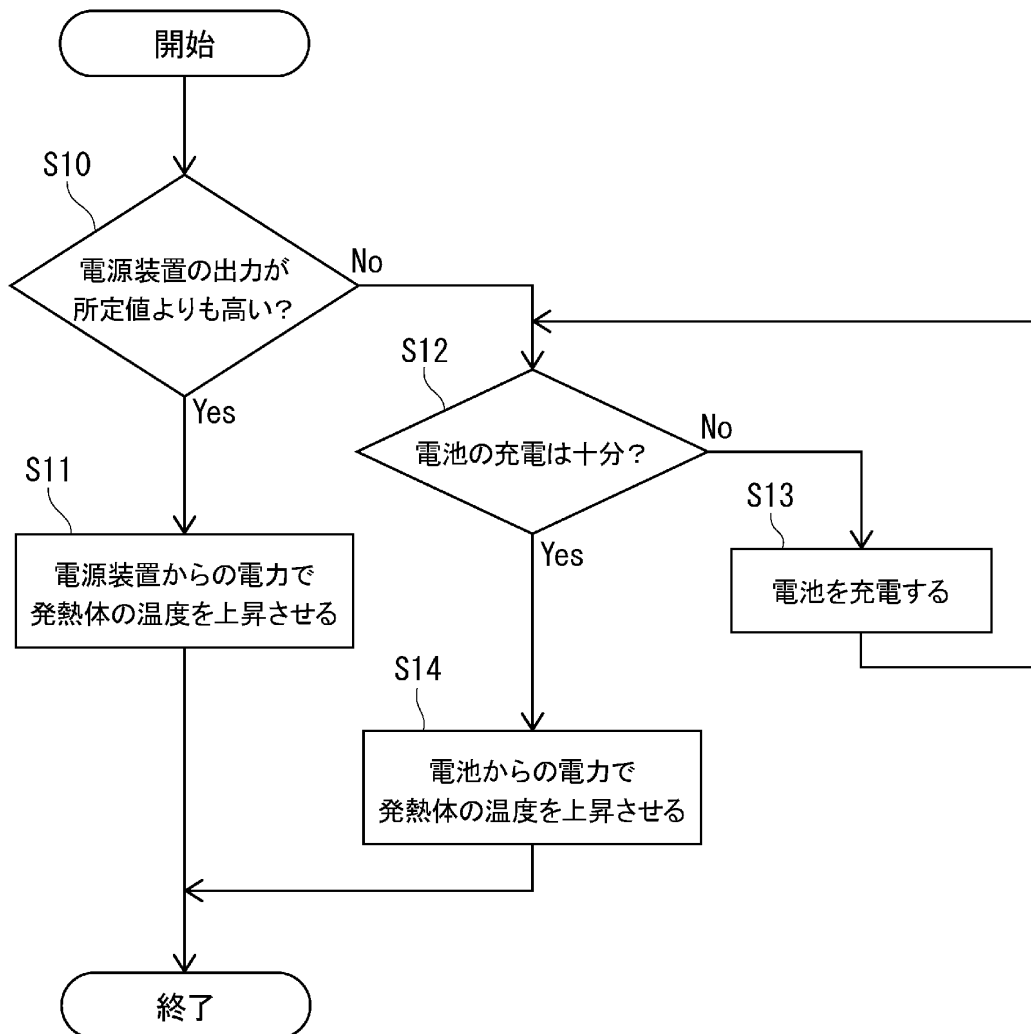
[図10]



[図11]



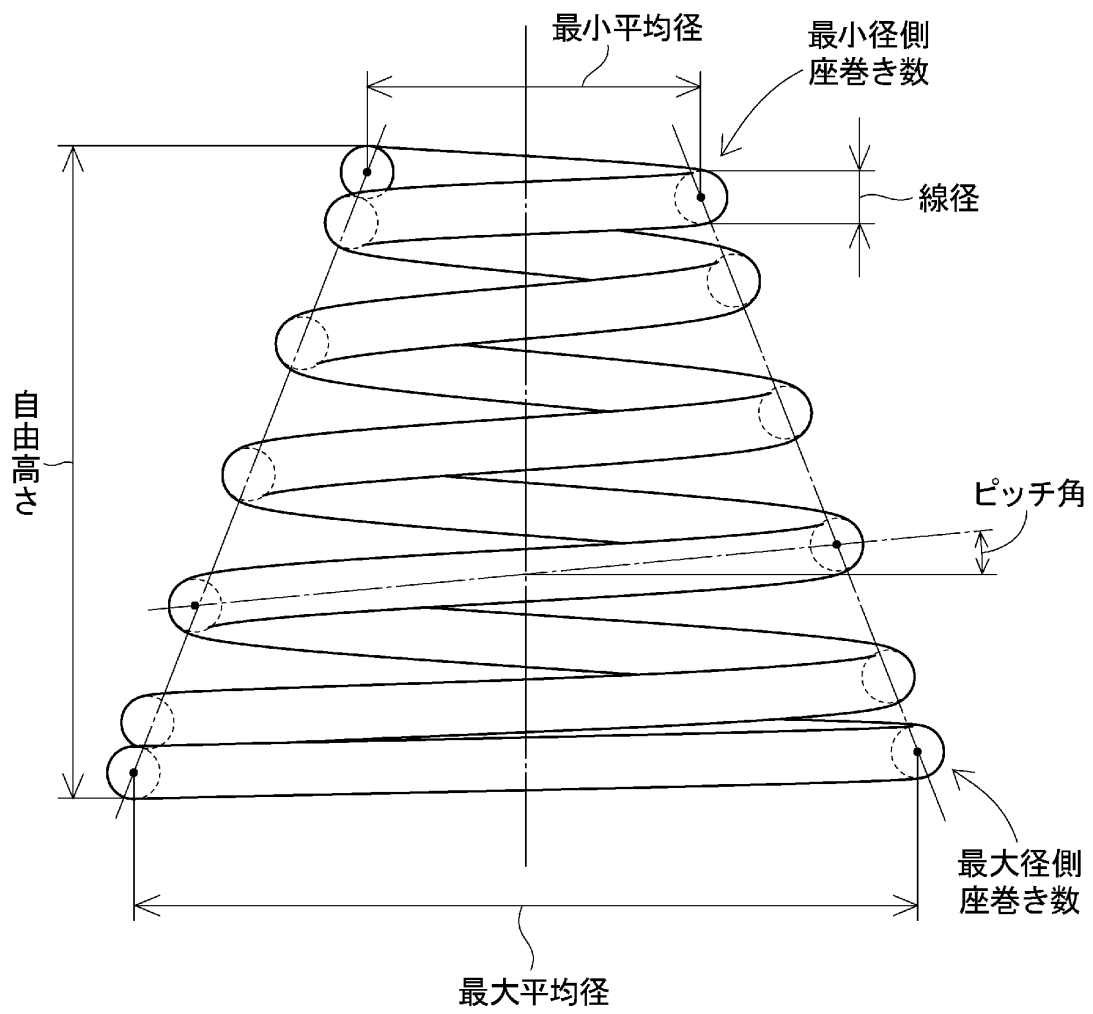
[図12]



[図13]

		ばね 1	ばね 2	ばね 3
材料	—	SW-C	SW-C	SW-C
横弾性係数	G (N/mm ²)	80000	80000	80000
線径	mm	0.4	0.45	0.5
最小平均径	mm	3	2.5	2.5
最大平均径	mm	6	6	6
巻き数	巻き	4	4	4
最大径側座巻き数	巻き	1	1	1
最小径側座巻き数	巻き	1	1	1
ばね定数	—	0.62	1.12	1.71
ピッチ角	度	1.73	1.952	2.342
有効コイル自由高さ	mm	1.707	1.819	2.183

[図14]



[図15]

ばね1

荷重	(N)	P	0.00	0.50	0.56	0.63	0.72	0.82	0.94	1.09	1.26
たわみ	(mm)	δ	0.00	0.81	0.89	0.96	1.03	1.08	1.11	1.14	1.15

ばね2

荷重	(N)	P	0.00	1.00	1.13	1.29	1.49	1.73	2.03	2.41	2.91	4.61
たわみ	(mm)	δ	0.00	0.89	0.99	1.09	1.17	1.24	1.29	1.34	1.37	1.40

ばね3

荷重	(N)	P	0.00	1.50	1.67	1.86	2.08	2.32	2.60	2.89	3.16	3.28
たわみ	(mm)	δ	0.00	0.88	0.96	1.03	1.09	1.14	1.18	1.20	1.21	1.22

[図16]

