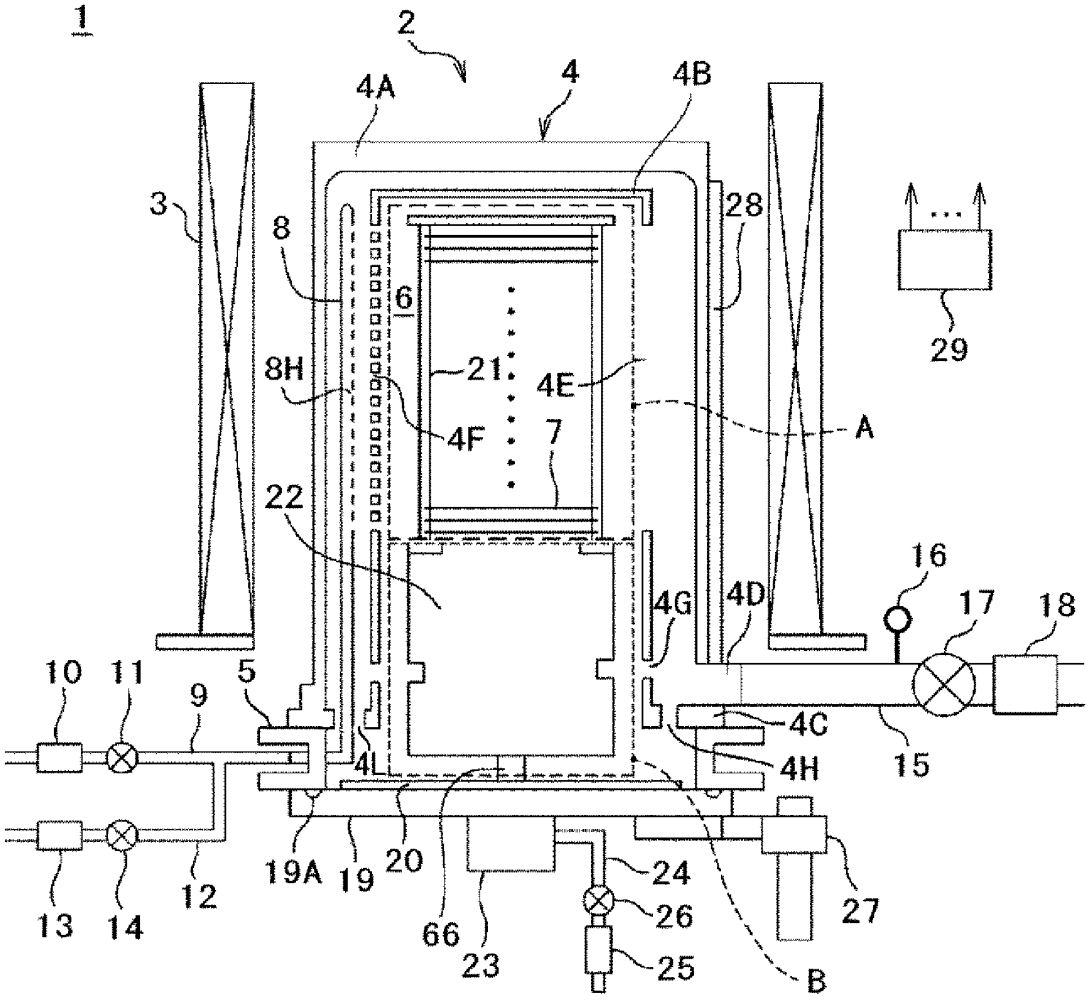
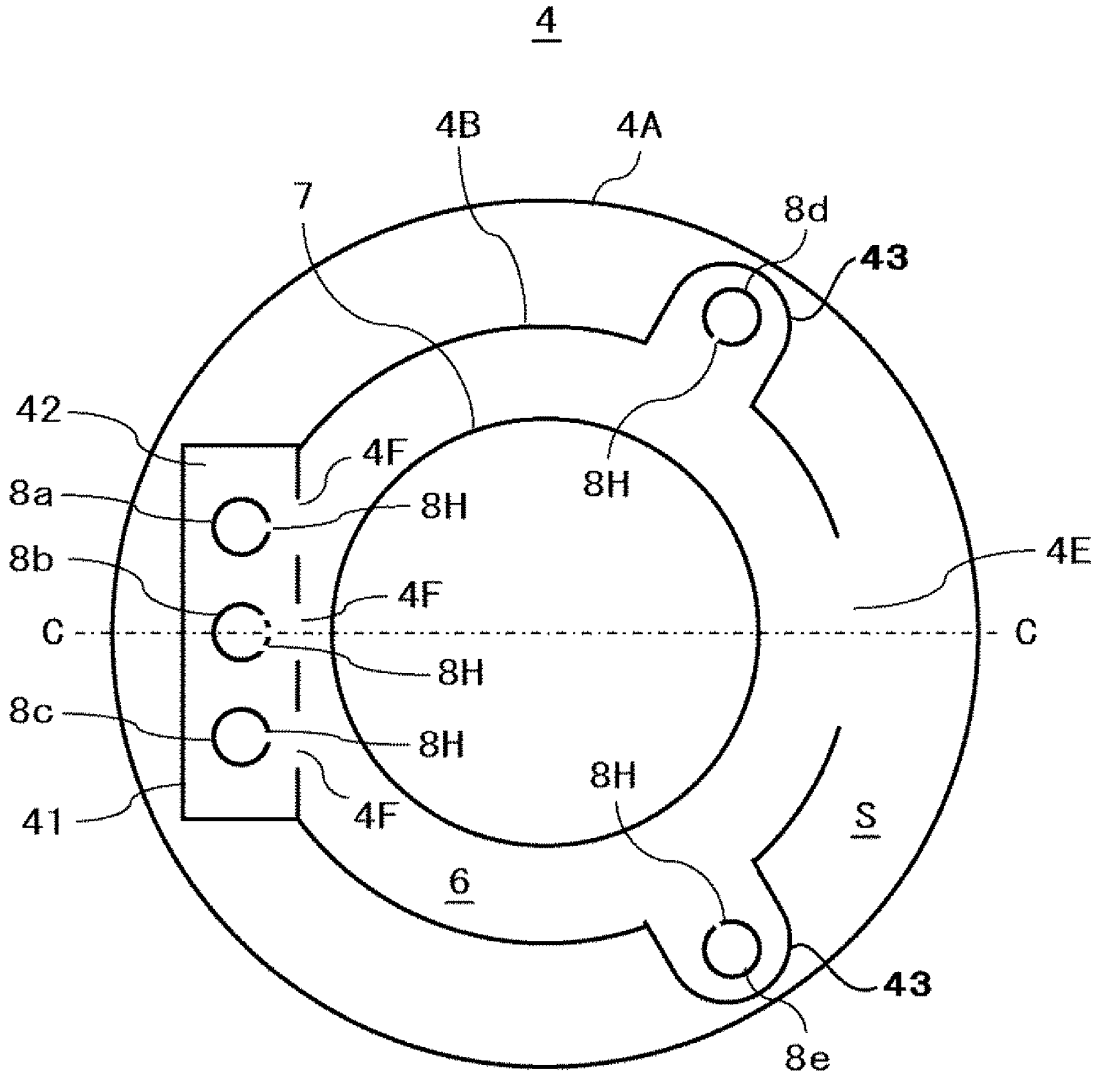
[図1]

図 1


1
2
4A
4
4B
3
8
28
6
29
8H
21
4E
A
4F
7
22
16
4G
4D
17
18
10
11
9
5
4C
4L
4H
15
19A
19
20
66
24
26
27
13
14
12
23
25
B

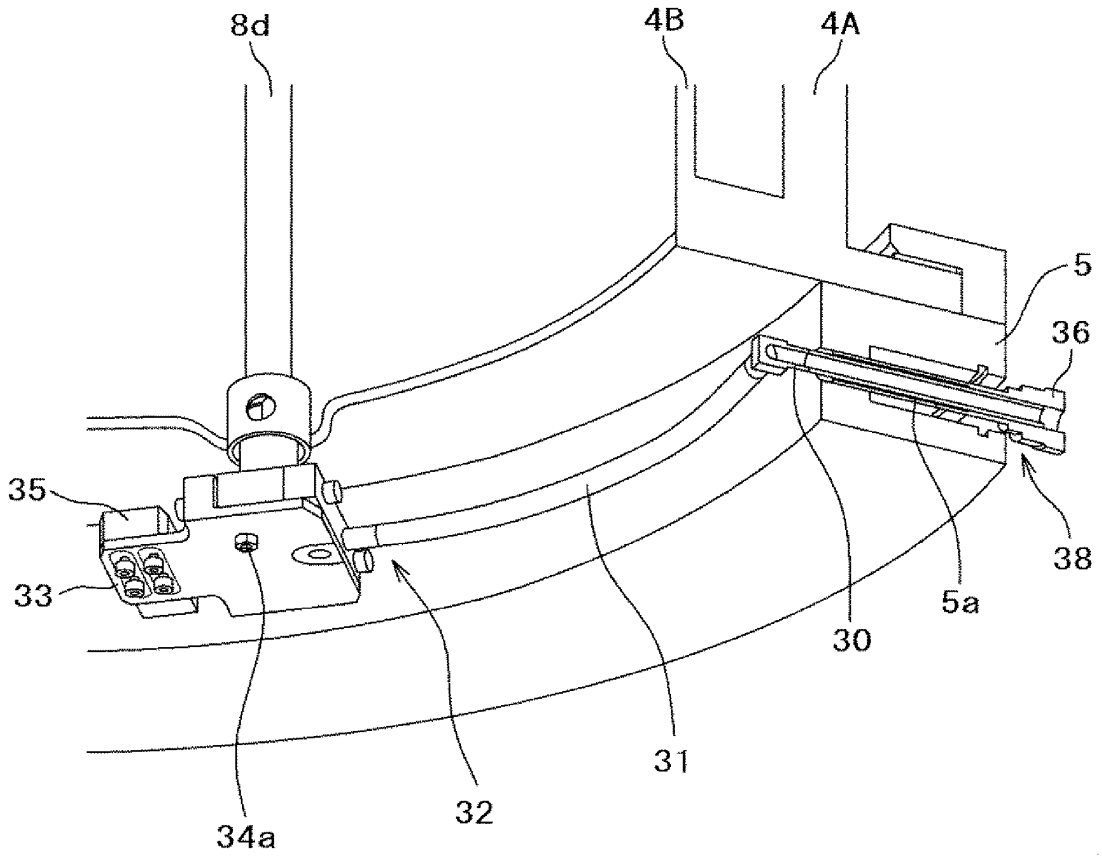
[図2]

図 2



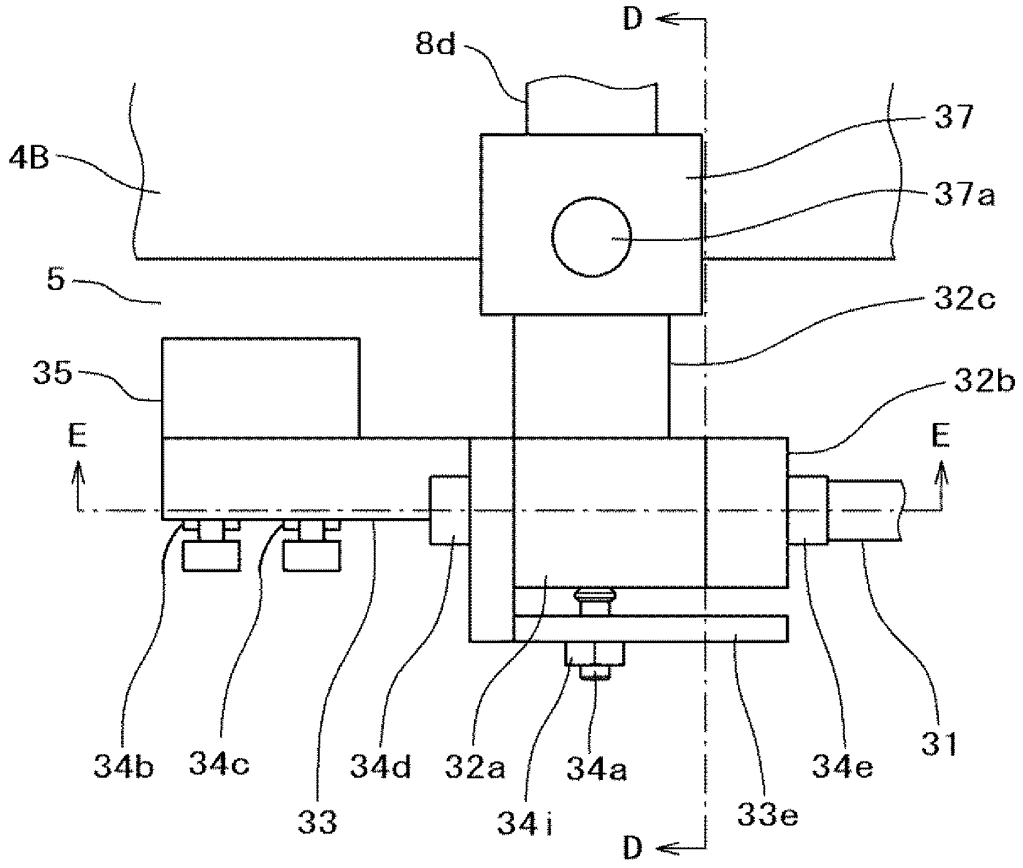
[図3]

図３



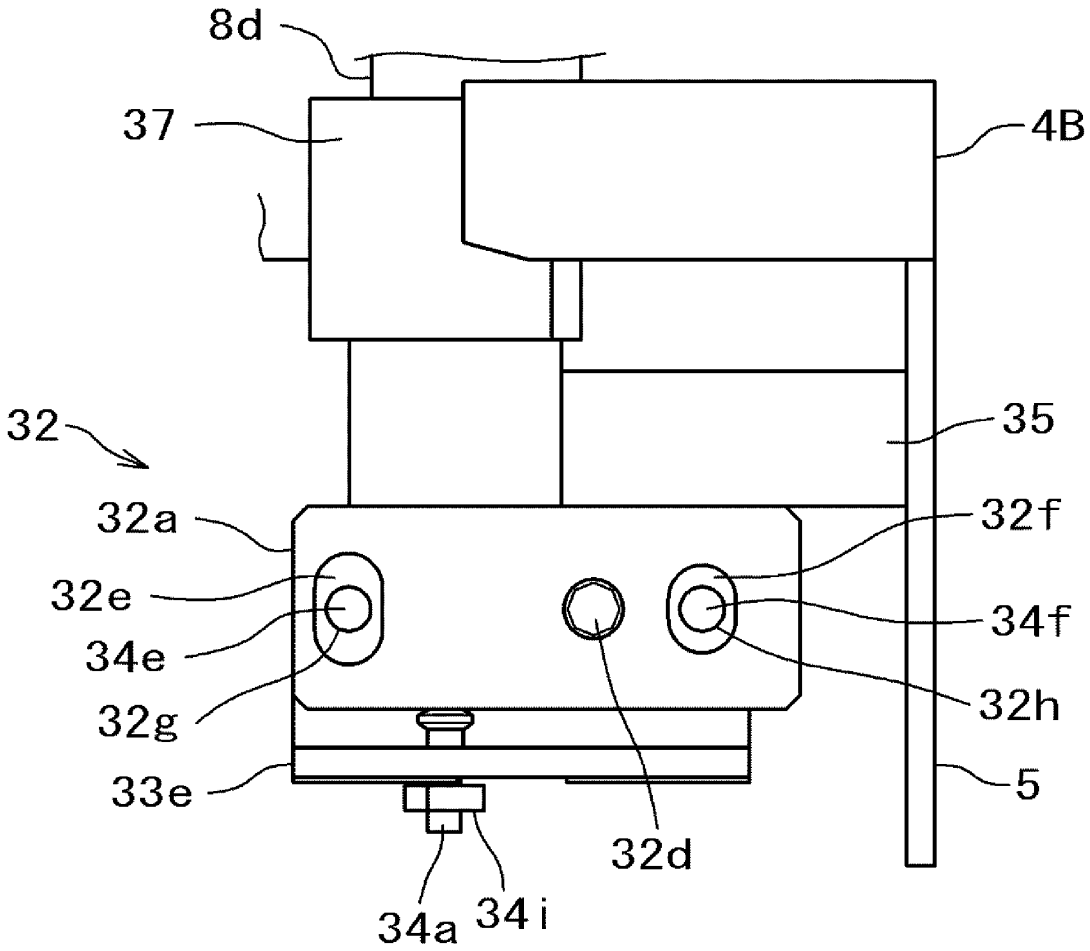
[図4]

図４


D
8d
37
4B
37a
5
32c
35
32b
E
E
34b
34c
33
34d
32a
34i
34a
33e
34e
31
D

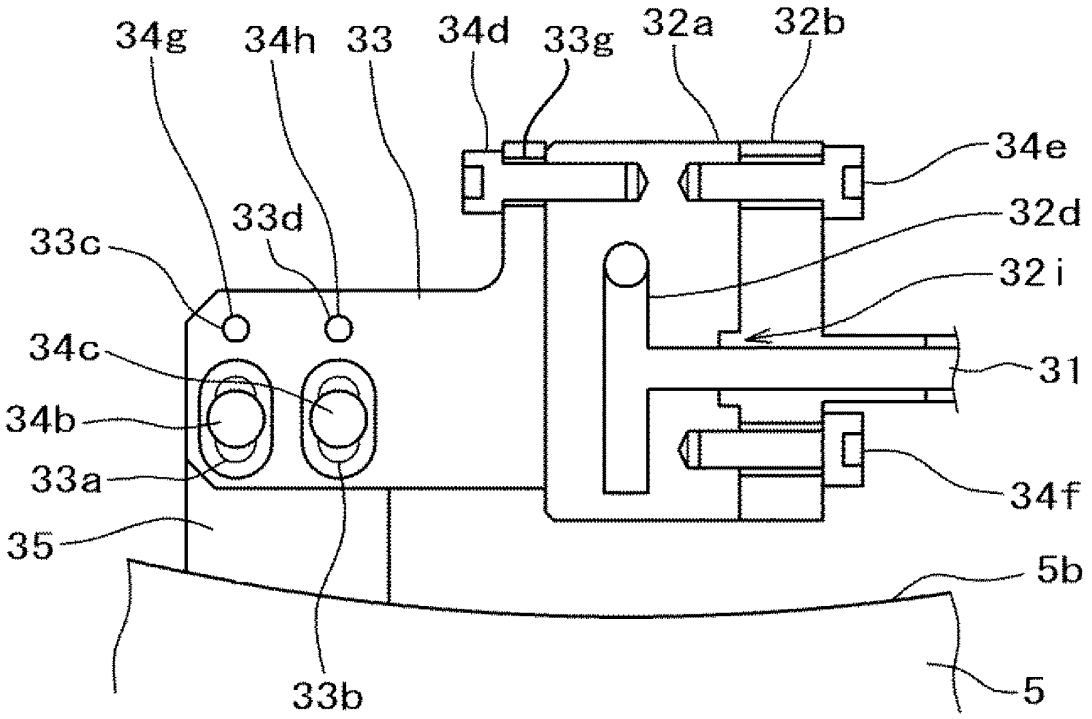
[図5]

図５



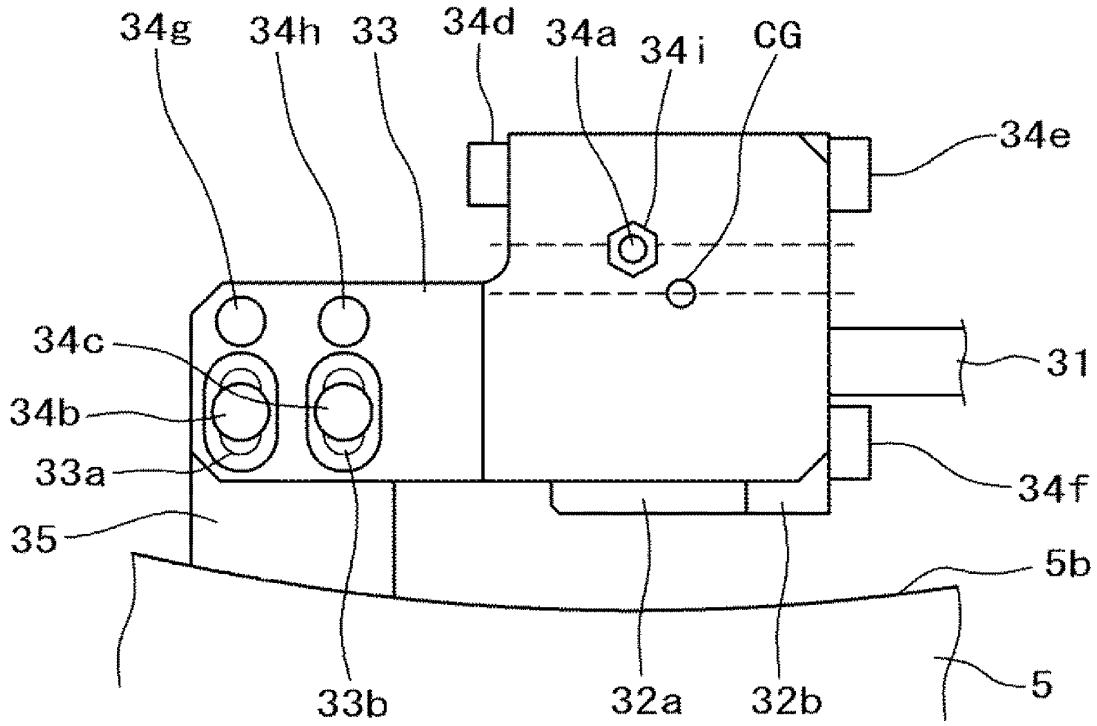
[図6]

図6


34g
34h
33
34d
33g
32a
32b
34e
32d
32i
31
34f
5b
5
33b
35
33a
34b
34c
33c
33d

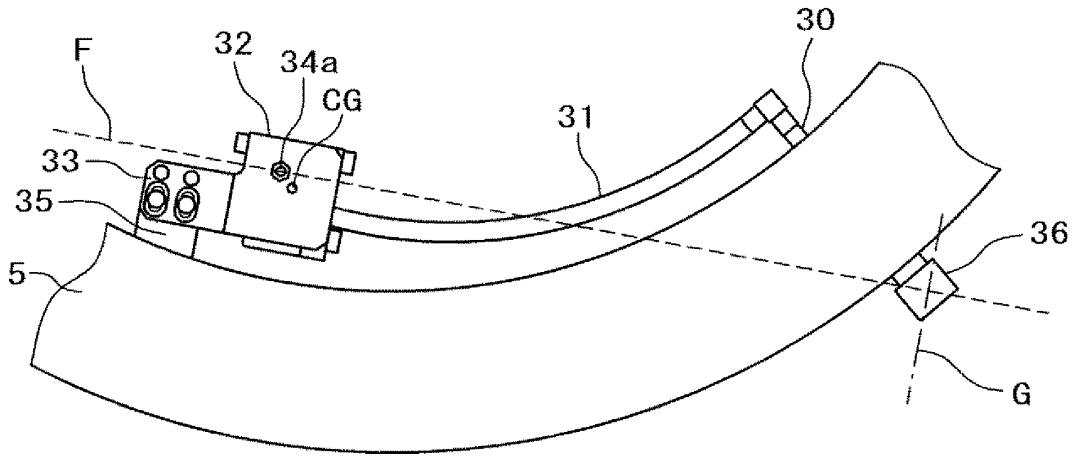
[図7]

図 7


34g
34h
33
34d
34a
34i
CG
34e
34c
34b
33a
35
31
34f
5b
5
33b
32a
32b

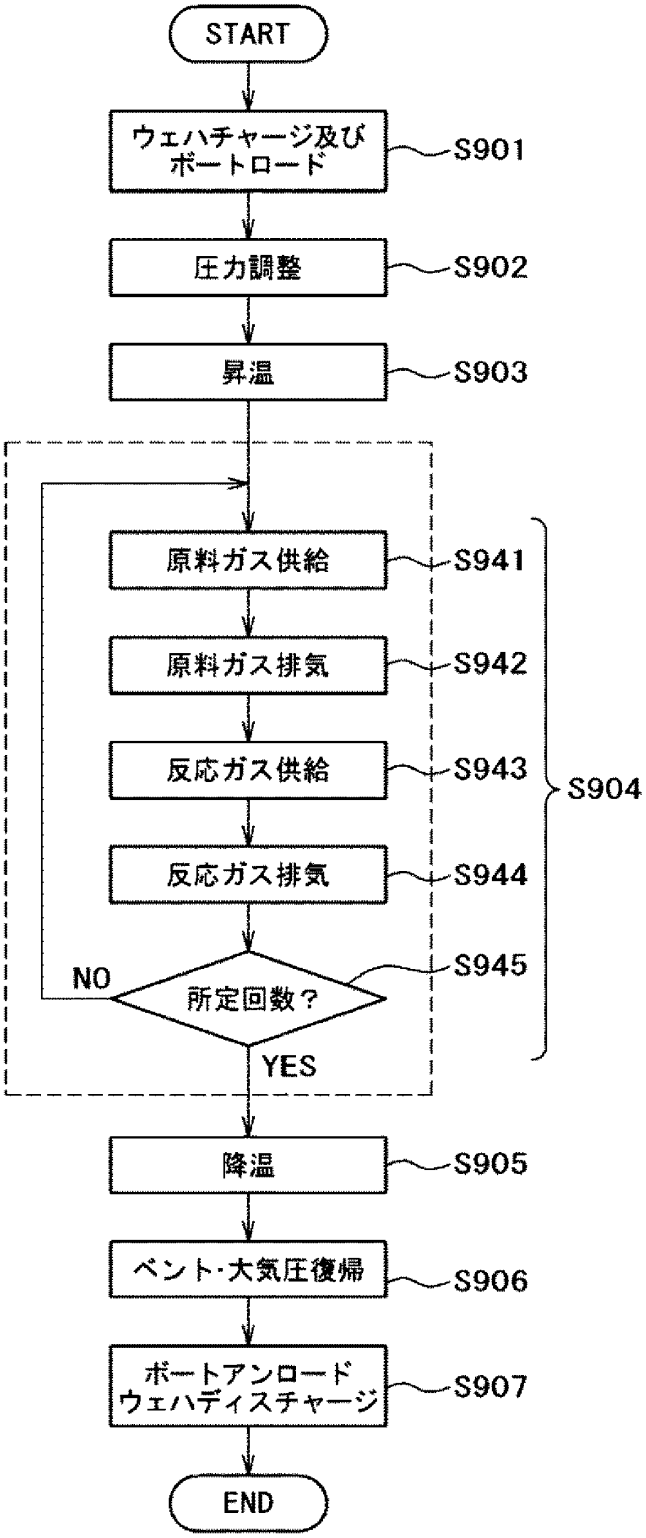
[図8]

図 8


F
32
34a
CG
30
31
33
35
5
36
G

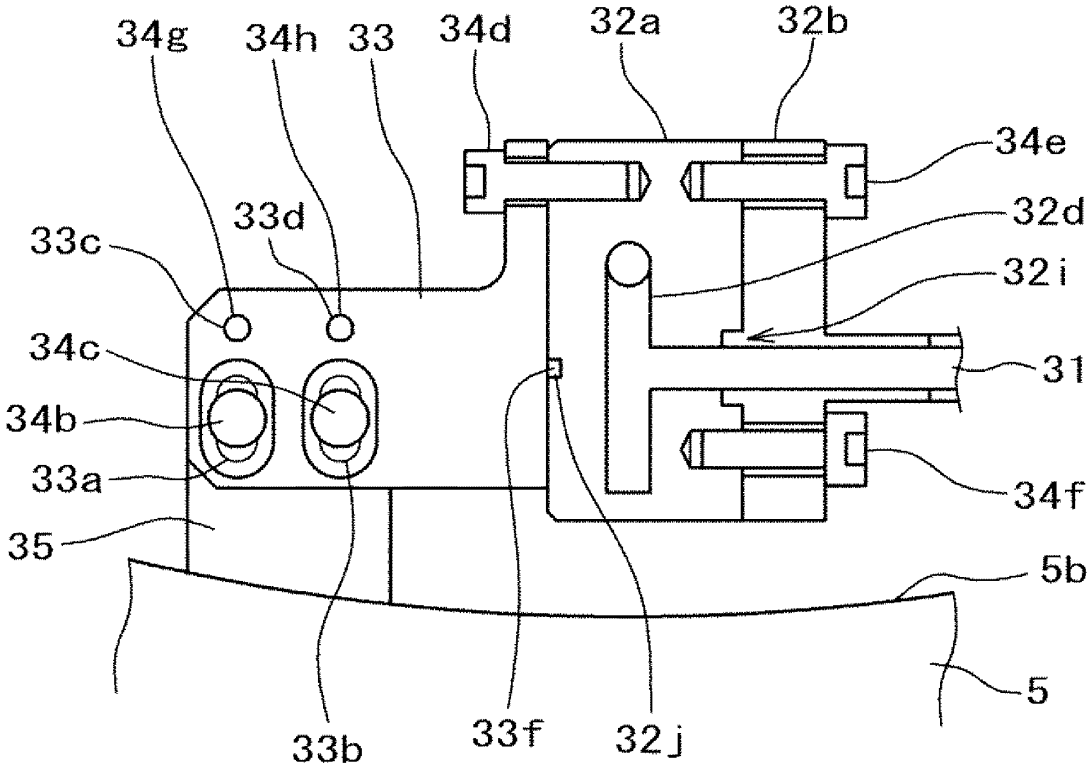
[図9]

図９


START
ウェハチャージ及び
ボートロード
S901
圧力調整
S902
昇温
S903
原料ガス供給
S941
原料ガス排気
S942
反応ガス供給
S943
反応ガス排気
S944
S904
NO
所定回数？
S945
YES
降温
S905
ベント・大気圧復帰
S906
ボートアンロード
ウェハディスチャージ
S907
END

[図10]

図１０


34g
34h
33
34d
32a
32b
34e
33d
33c
32d
32i
34c
31
34b
33a
34f
35
5b
5
33b
33f
32j