

1/41

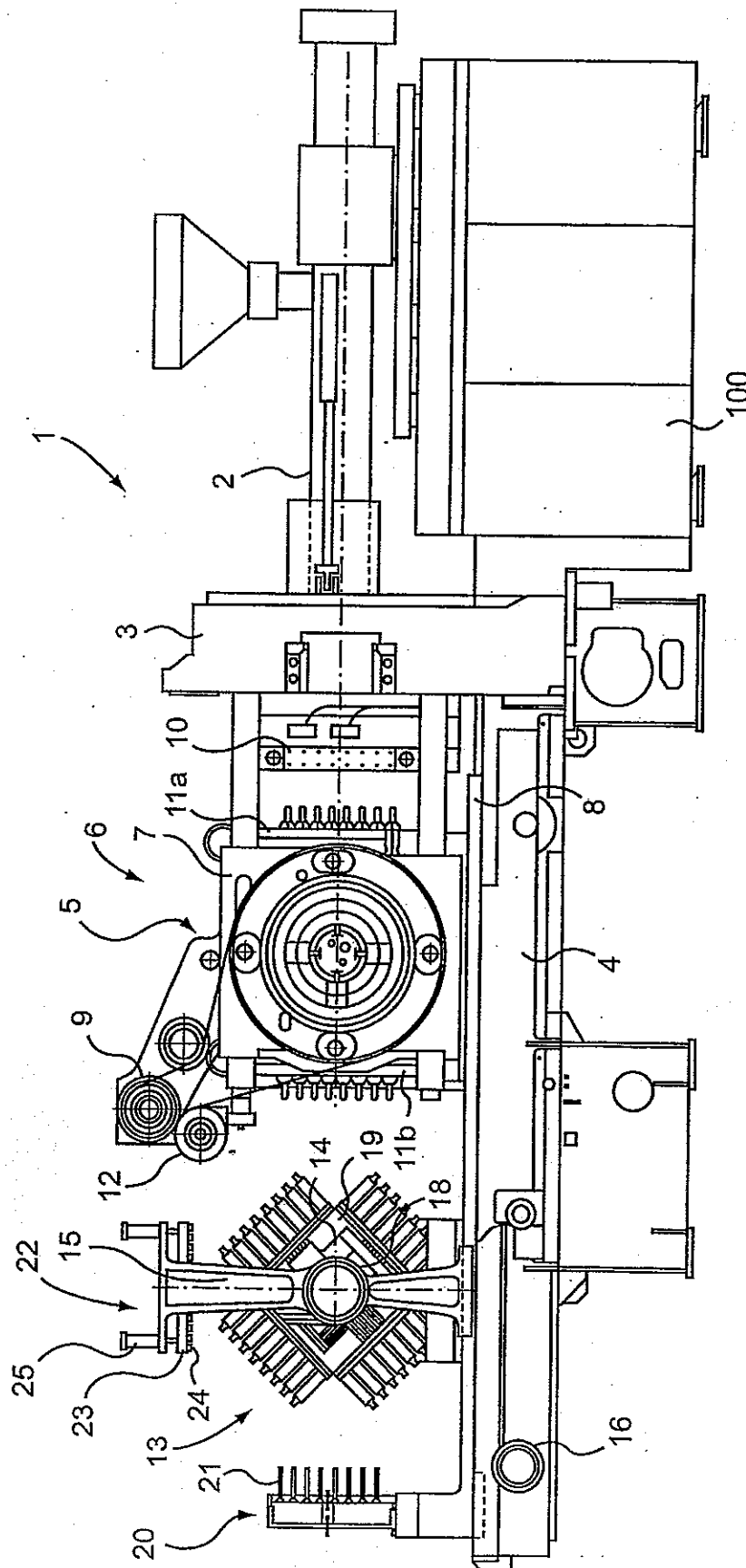


FIG. 1

2/41

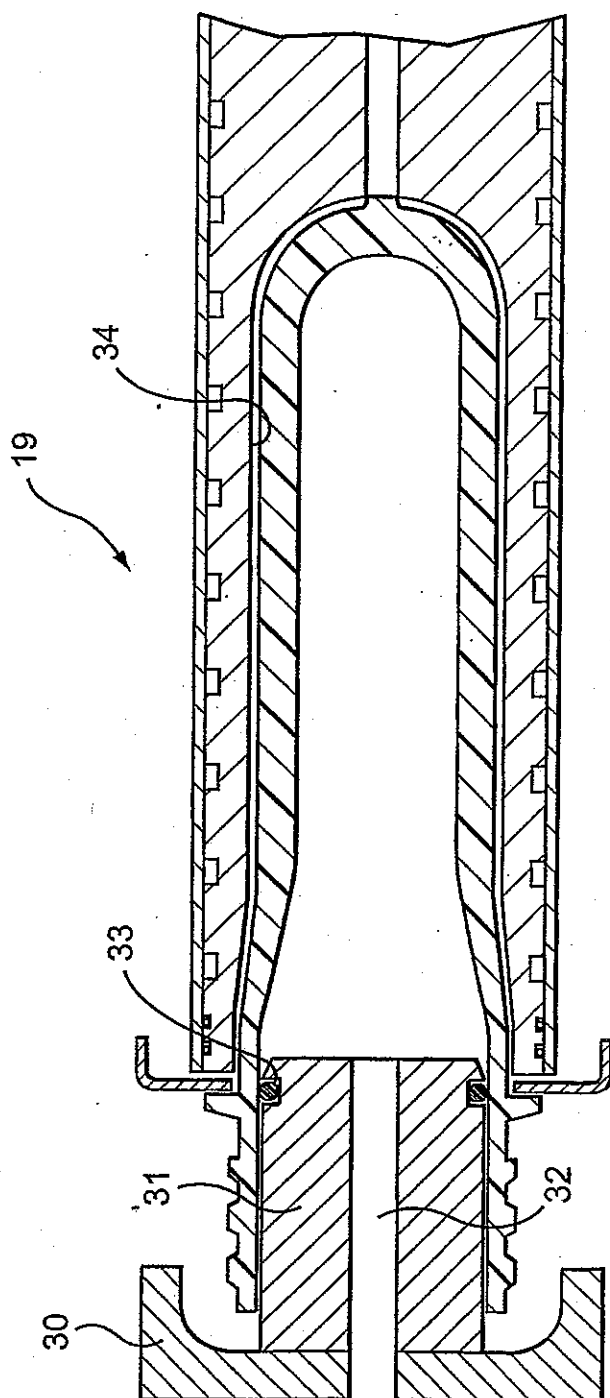


FIG. 2

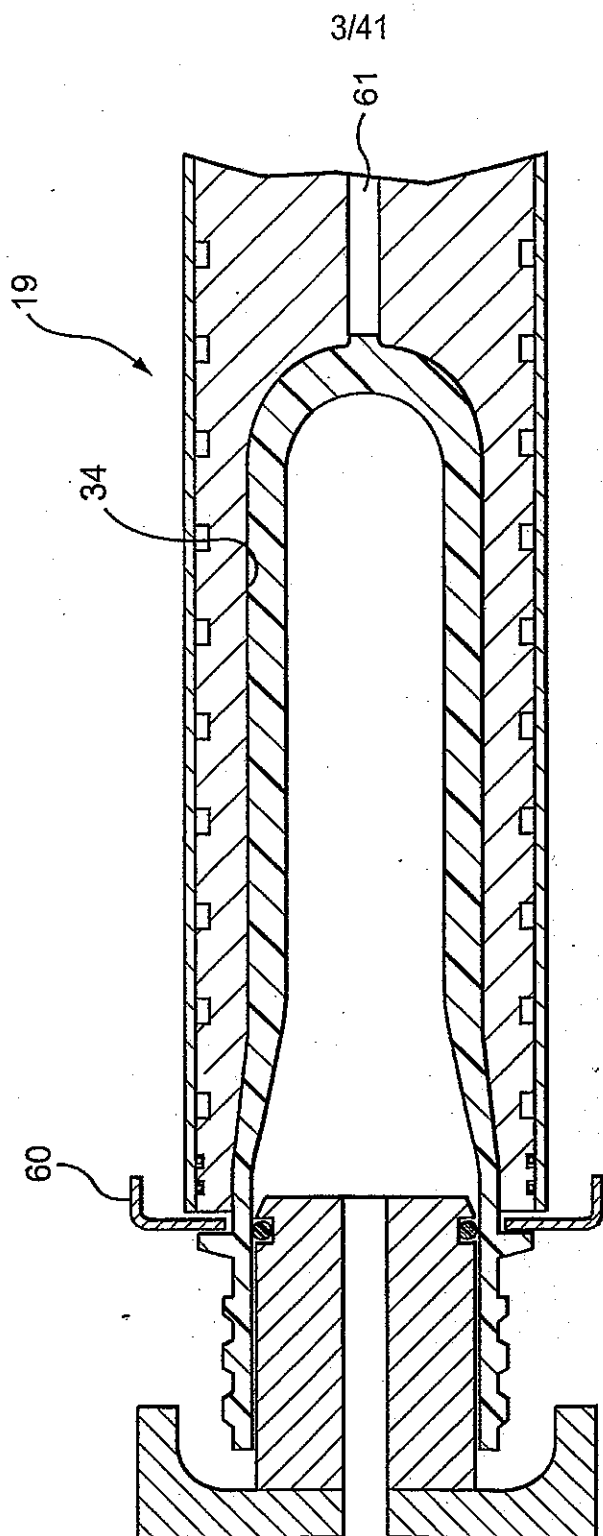


FIG. 3

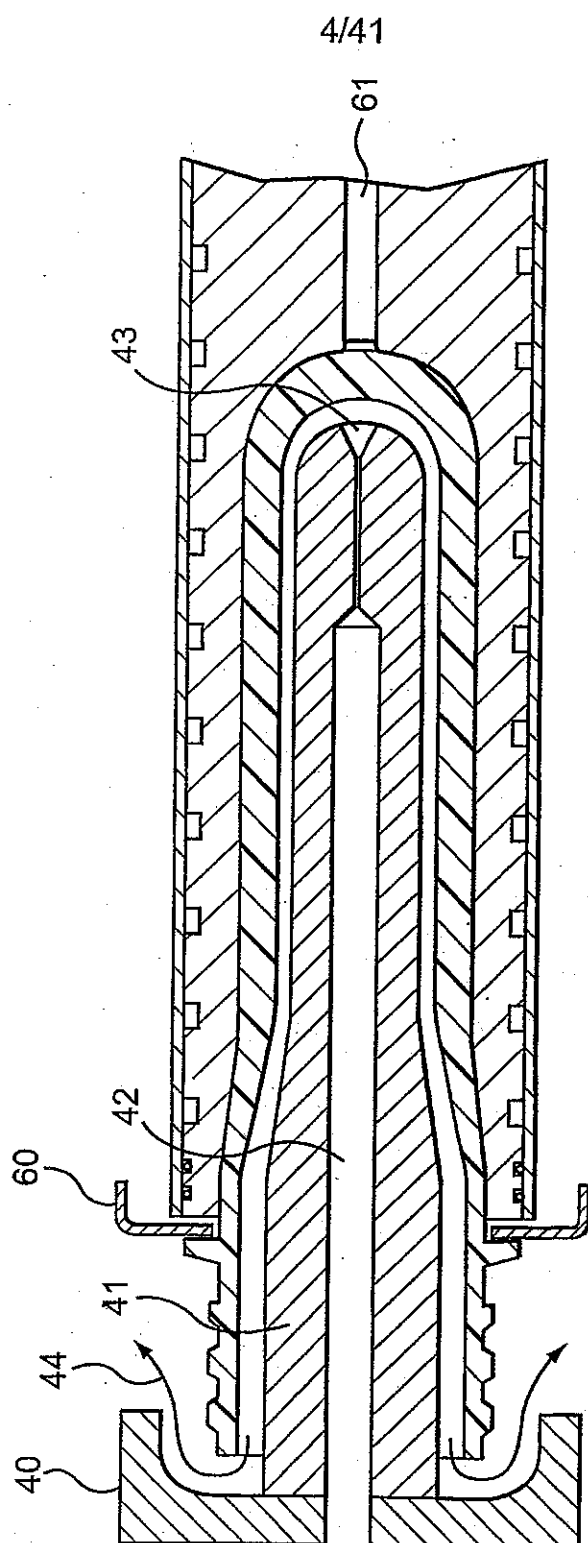
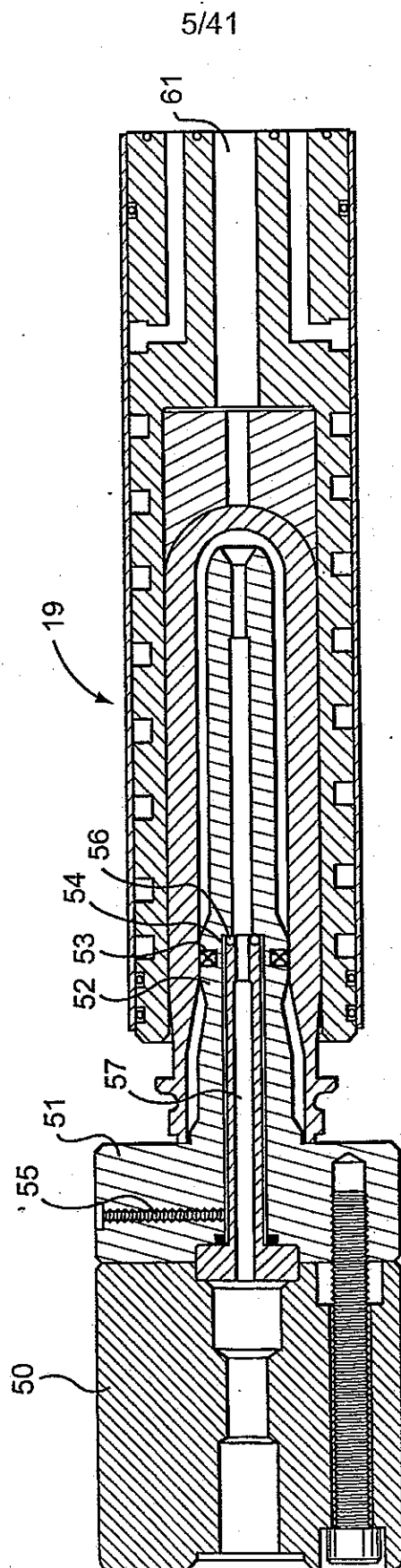


FIG. 4



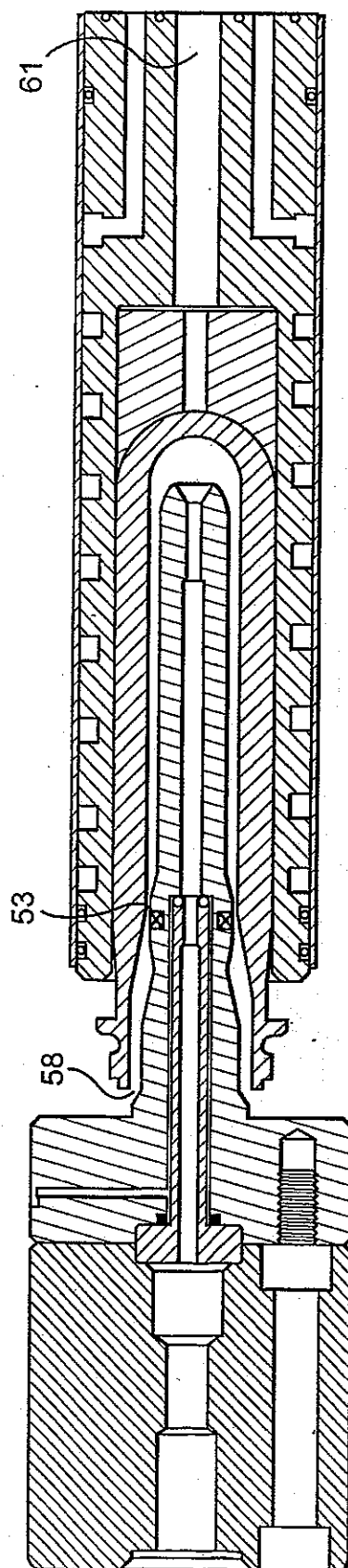


FIG. 6

7/41

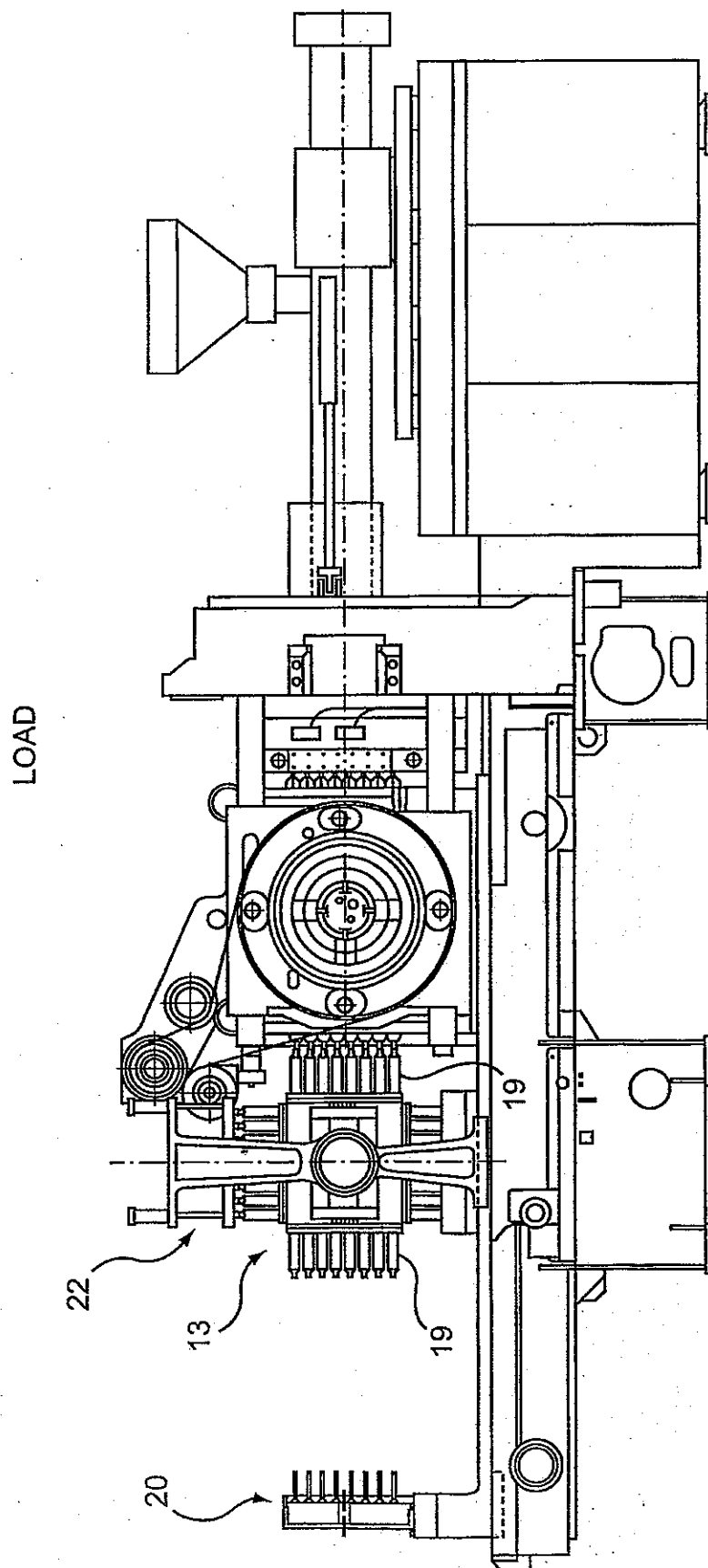


FIG. 7

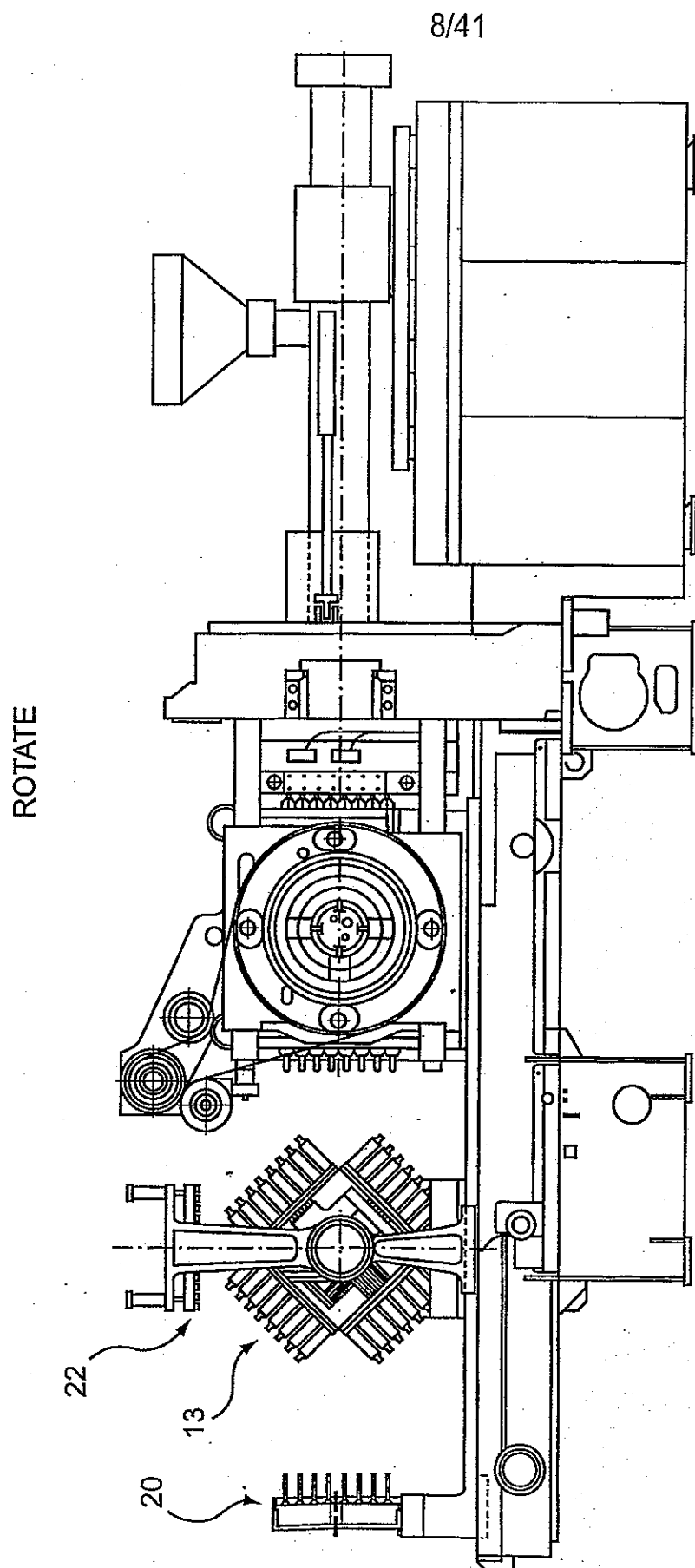


FIG. 8

9/41

TREATMENT

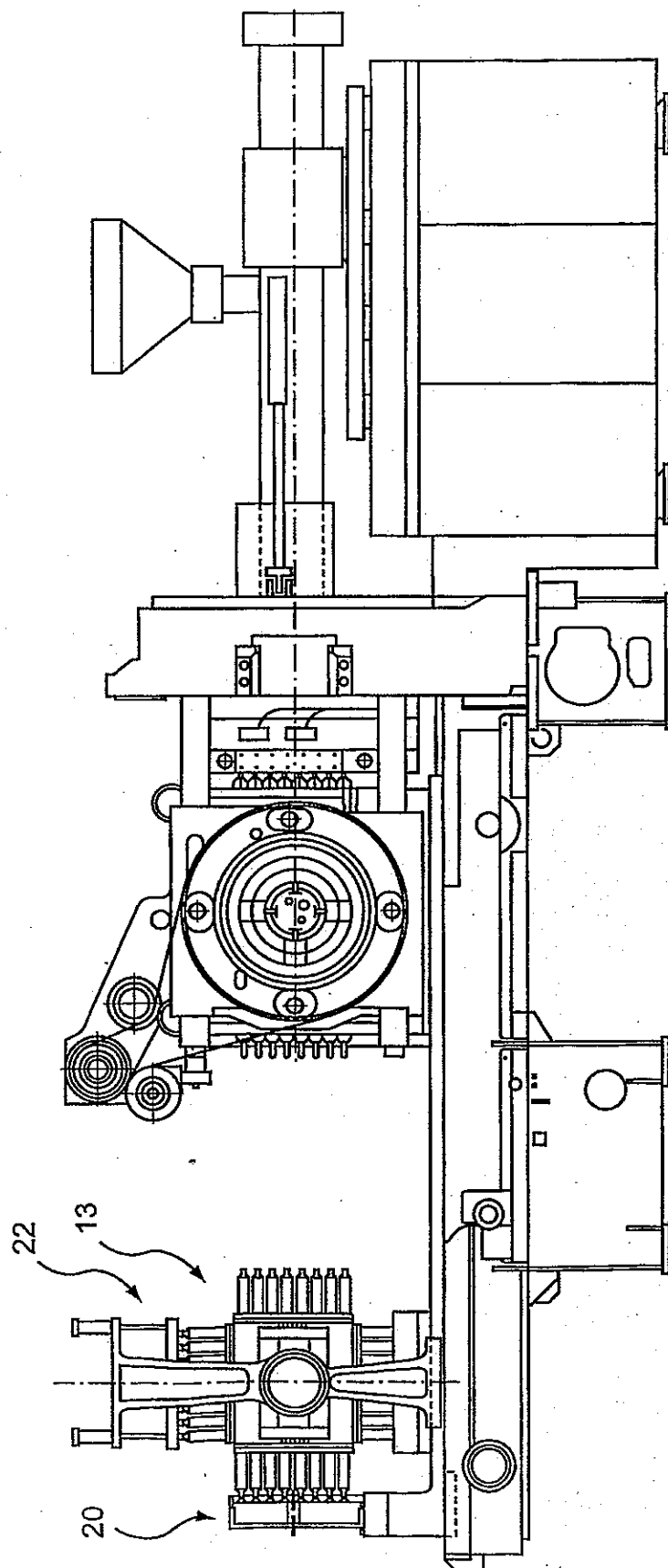


FIG. 9

10/41

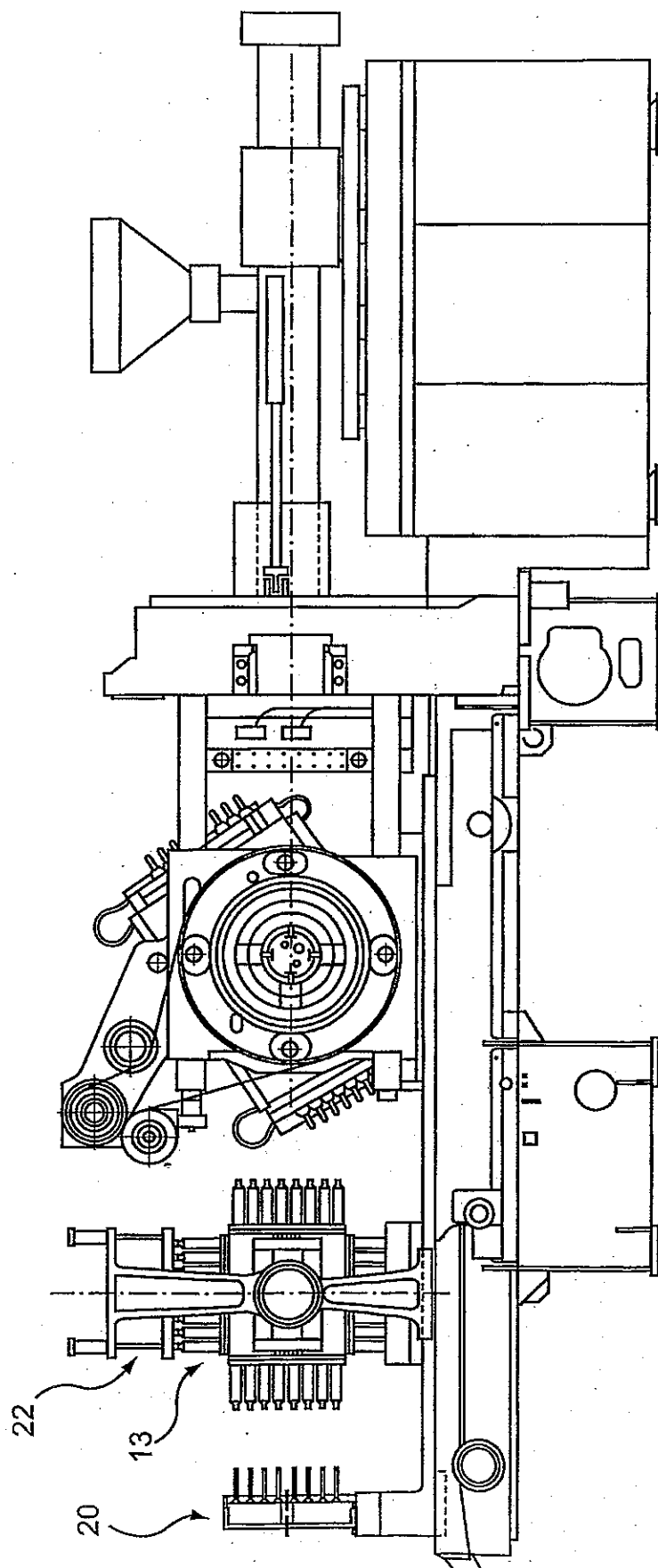
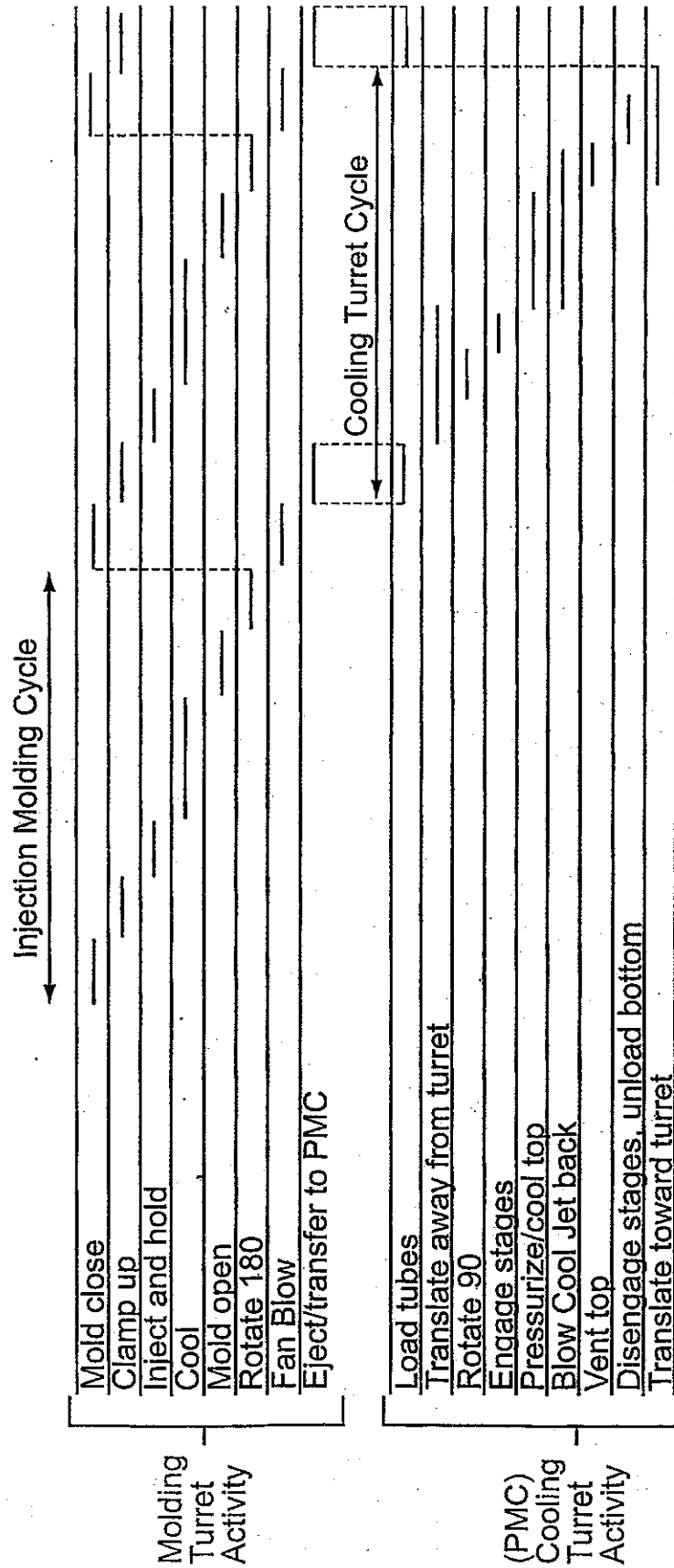


FIG. 10

11/41

SEQUENCE CHART for Sequential Configuration with 90 deg rotations



- immediate rotation of PMC turret after loading means one set of cooling tubes remain empty for one phase.

FIG. 11

12/41

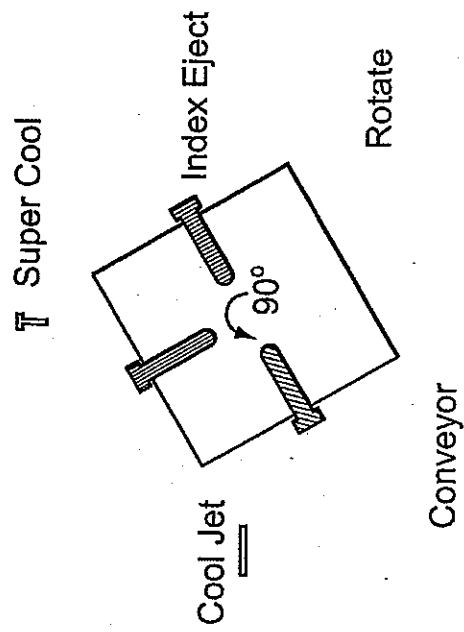


FIG. 12a

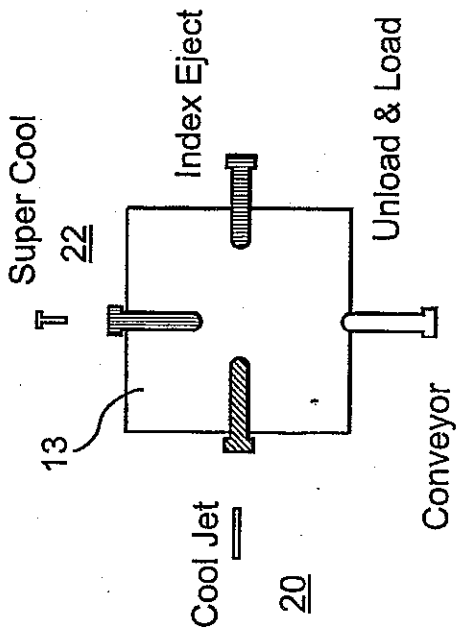


FIG. 12b

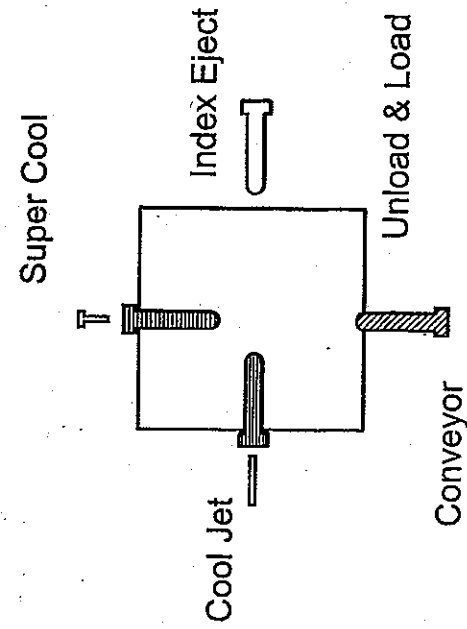


FIG. 12c

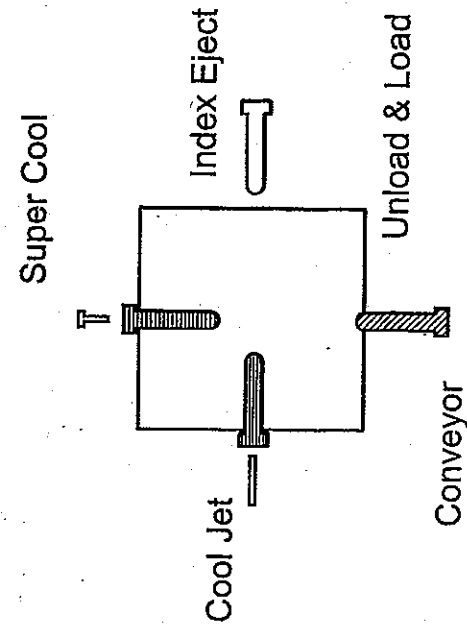


FIG. 12d

13/41

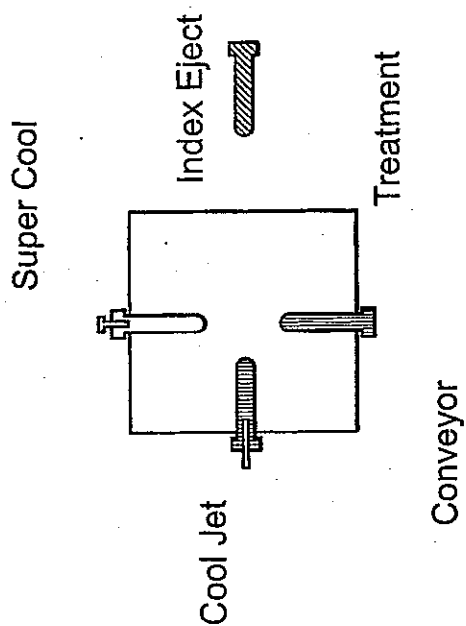


FIG. 12f

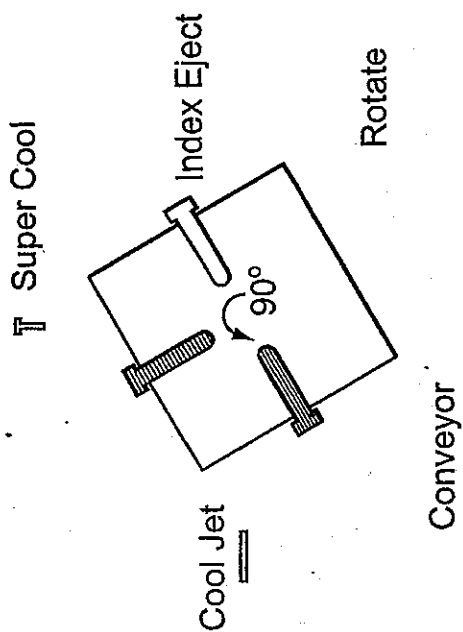


FIG. 12e

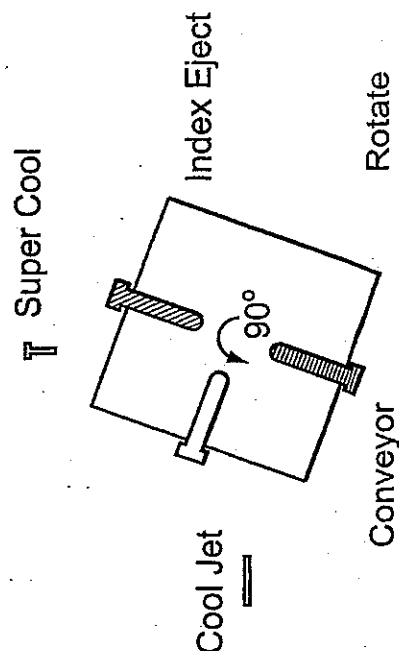


FIG. 12h

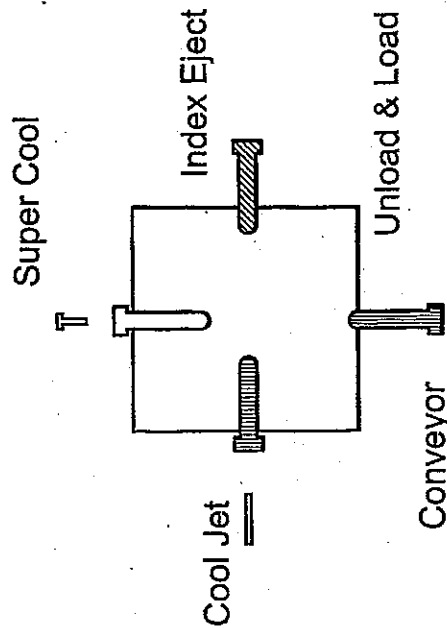


FIG. 12g

14/41

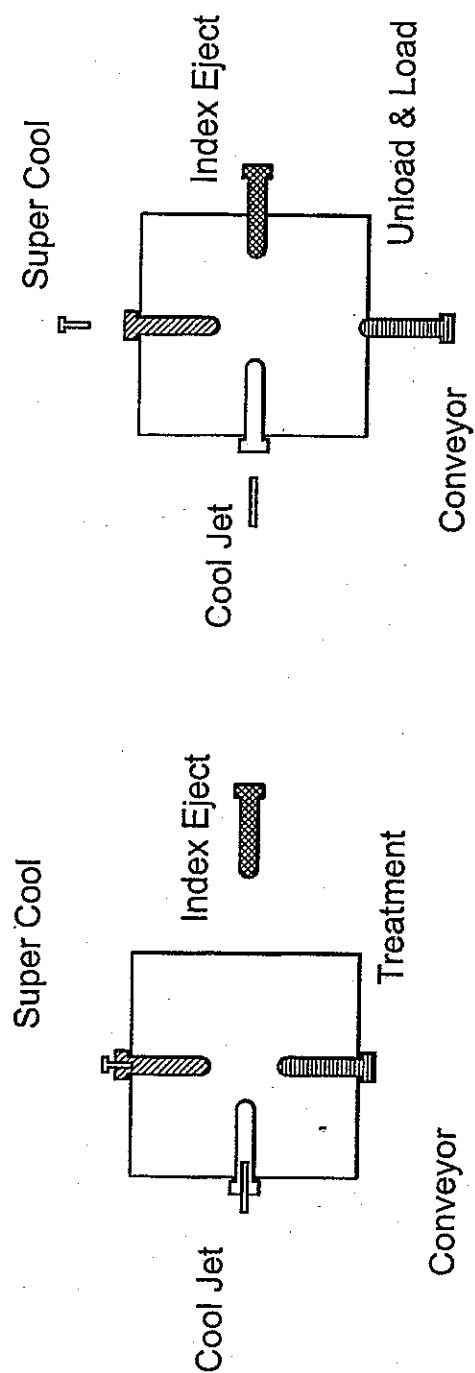


FIG. 12i

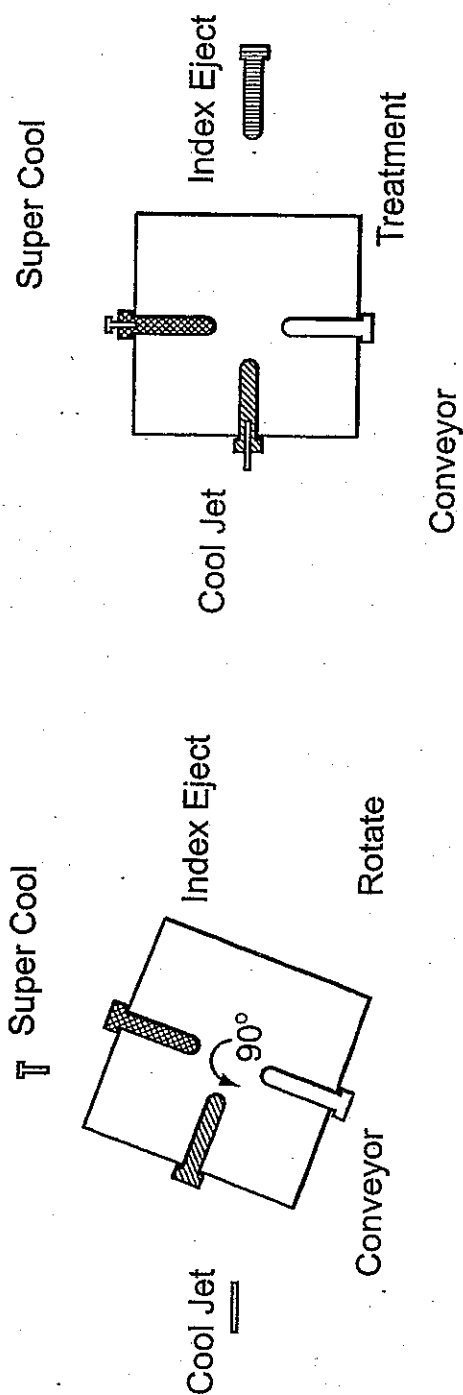


FIG. 12j

FIG. 12k

15/41

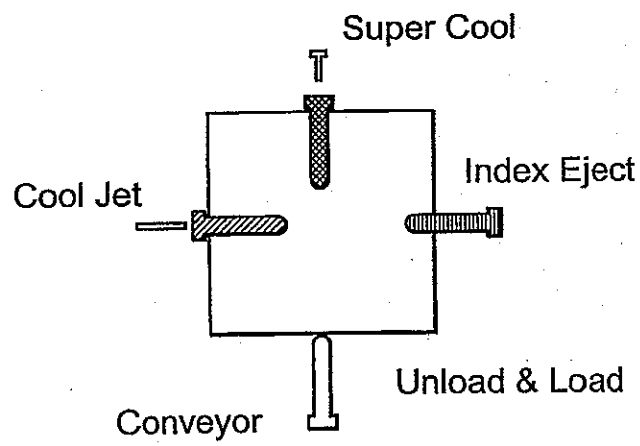
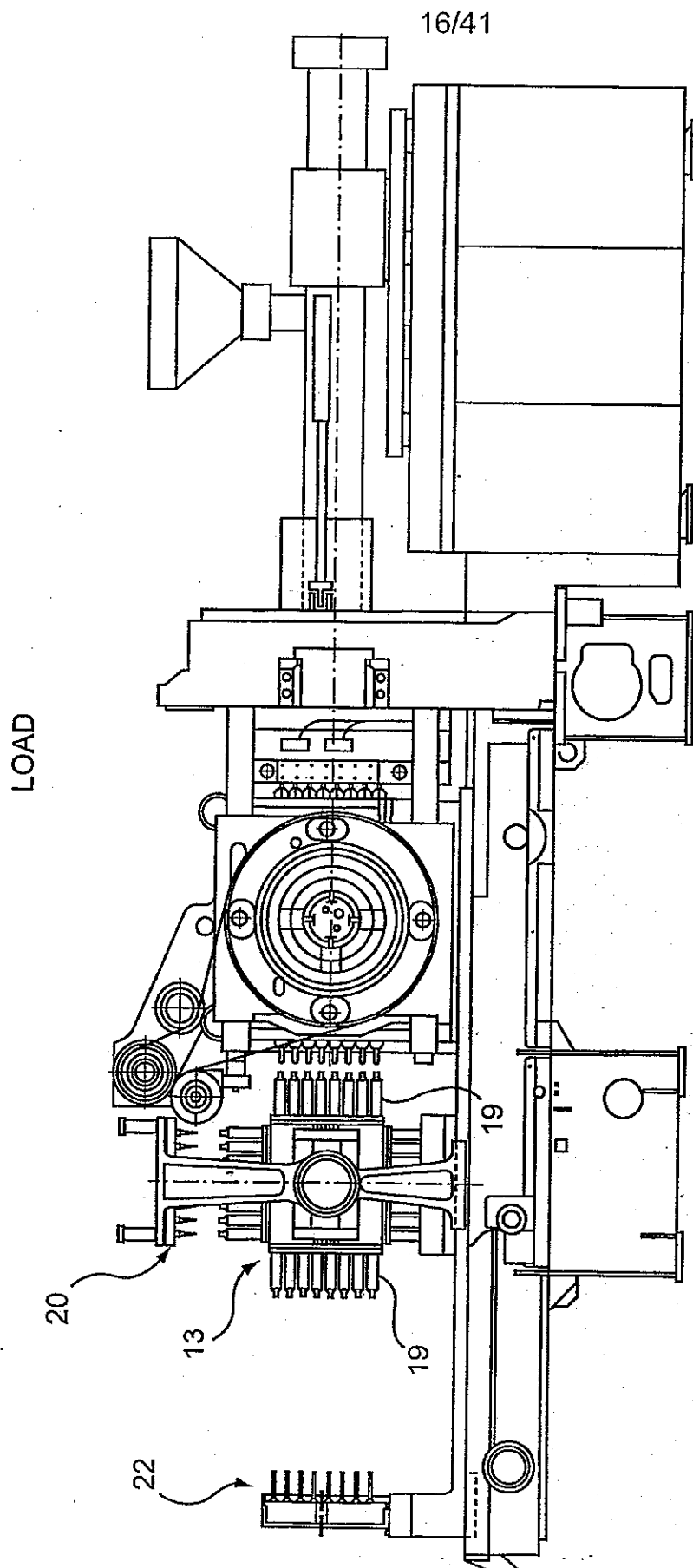
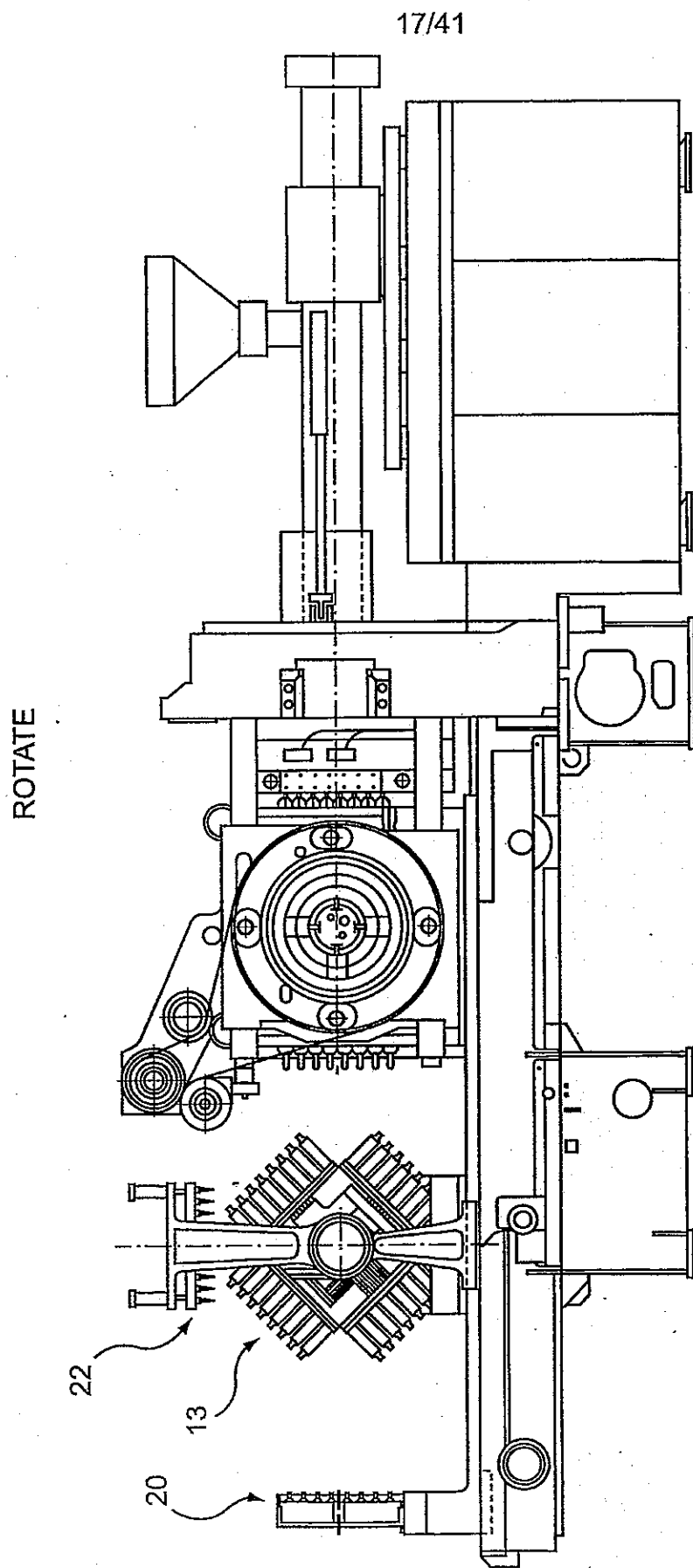


FIG. 12m





18/41

TREATMENT

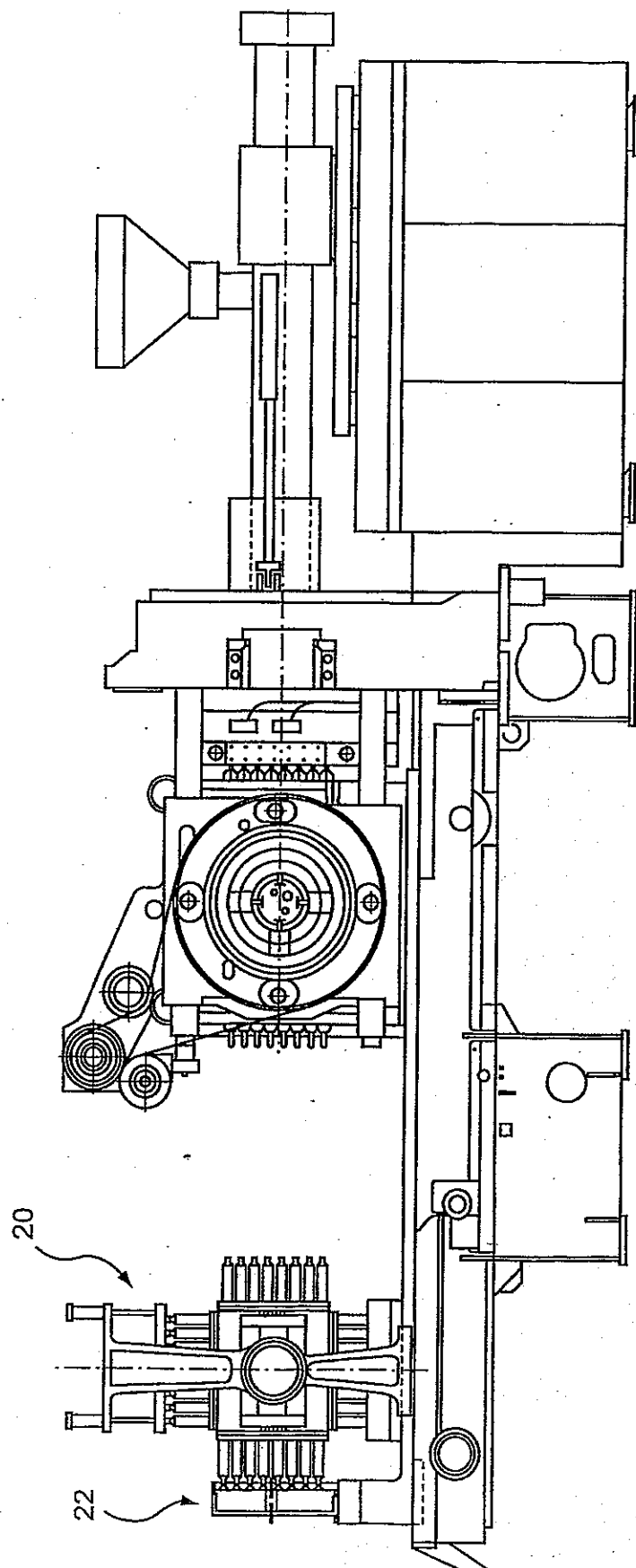


FIG. 15

19/41

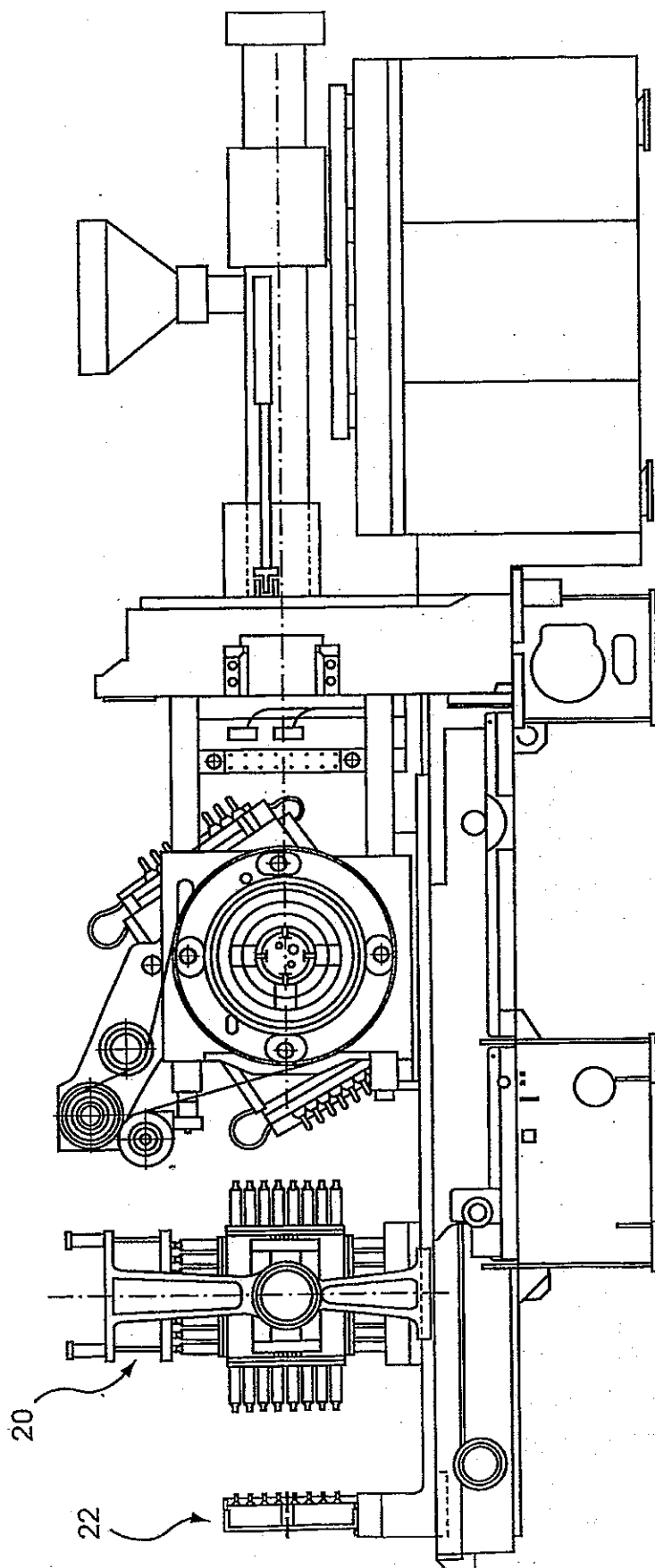


FIG. 16

20/41

SEQUENCE CHART for Sequential Configuration with 180 deg rotation

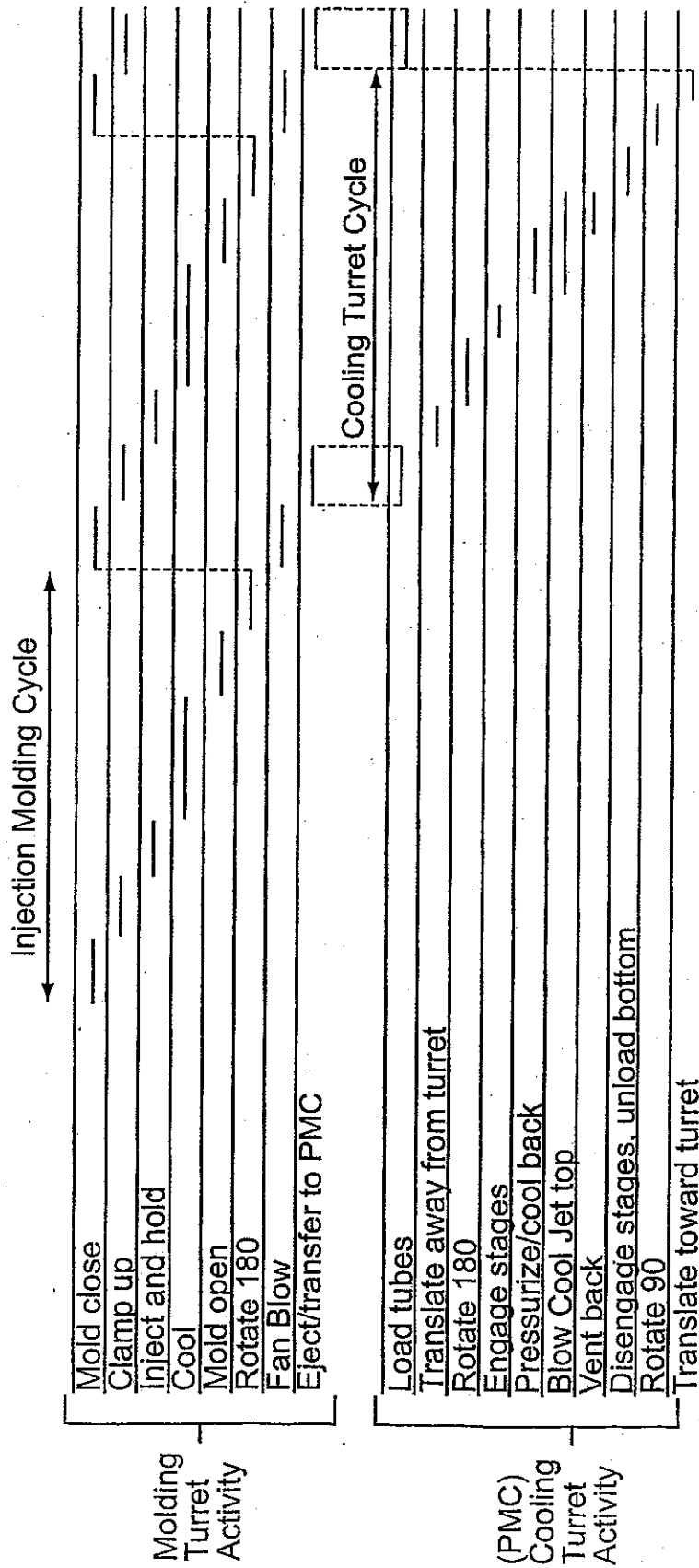


FIG. 17

21/41

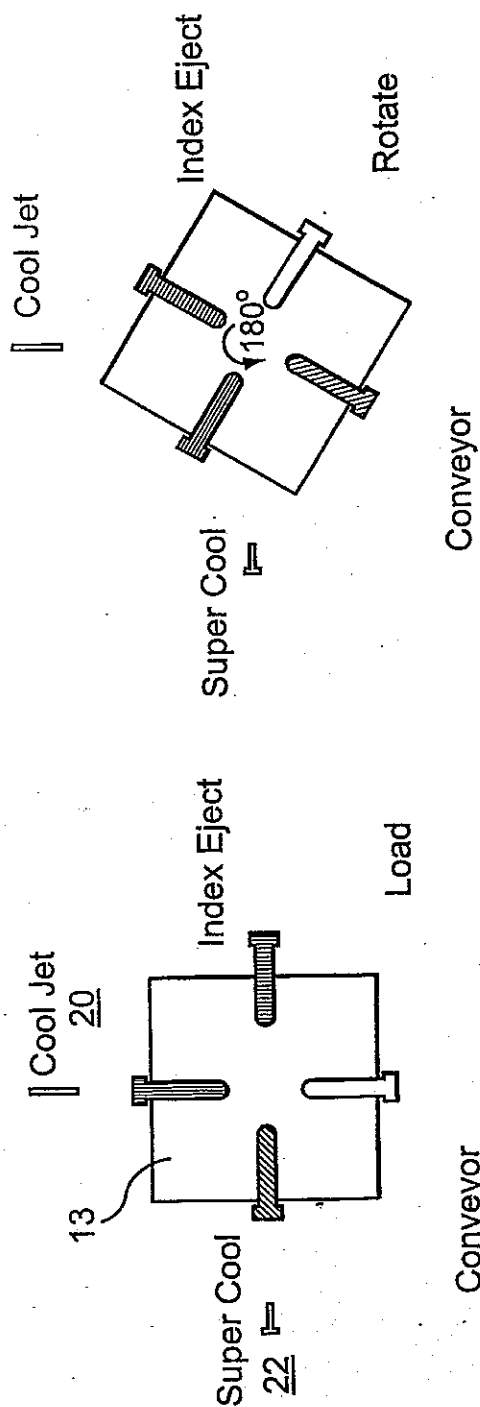


FIG. 18b

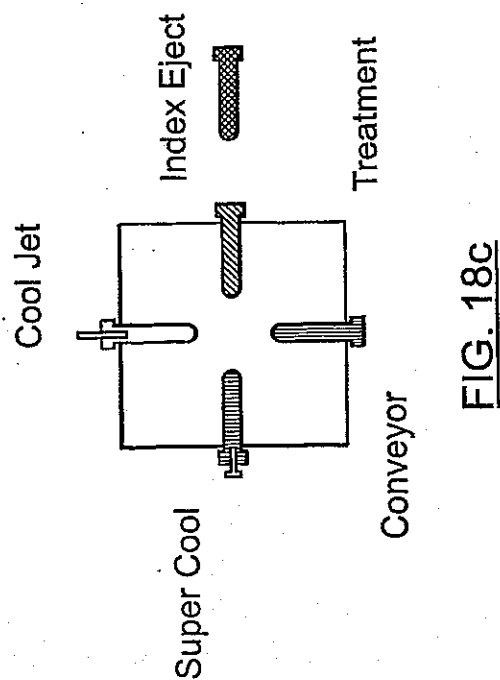
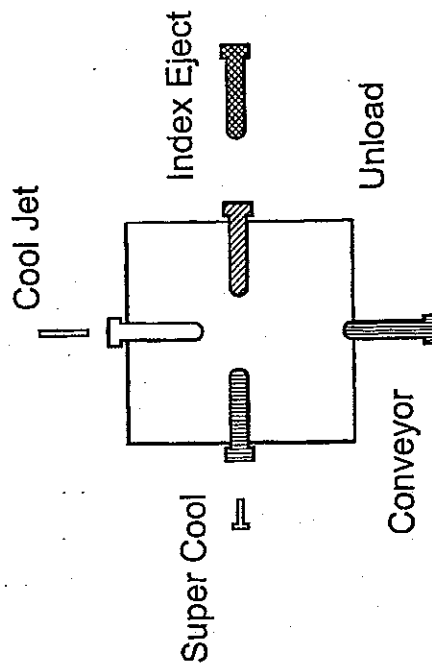
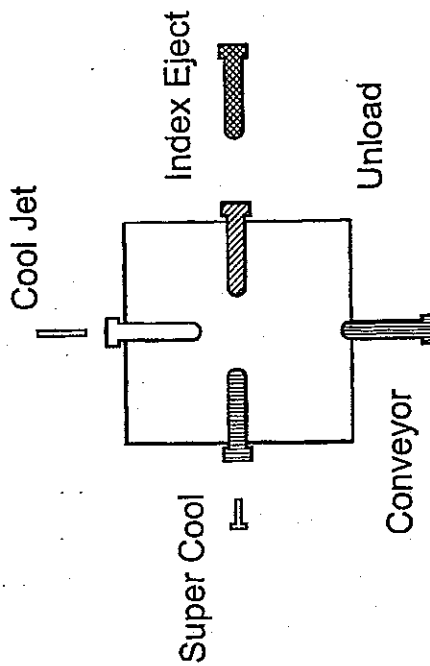


FIG. 18d



22/41

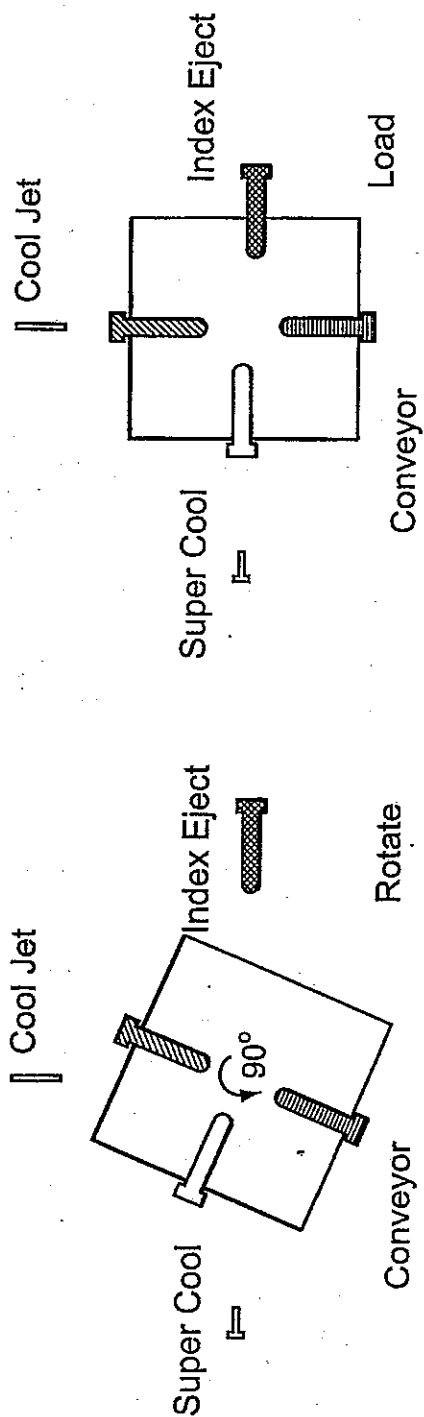


FIG. 18f

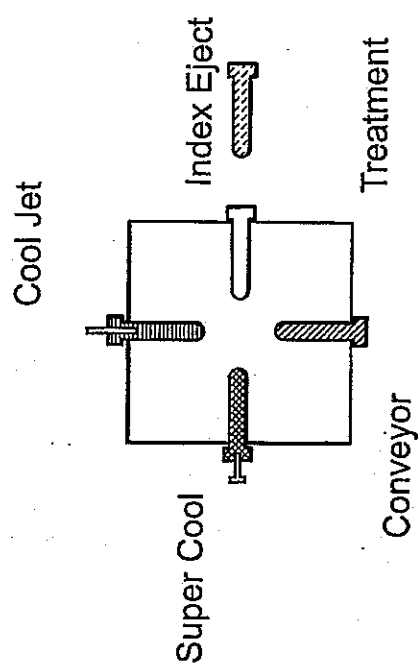


FIG. 18h

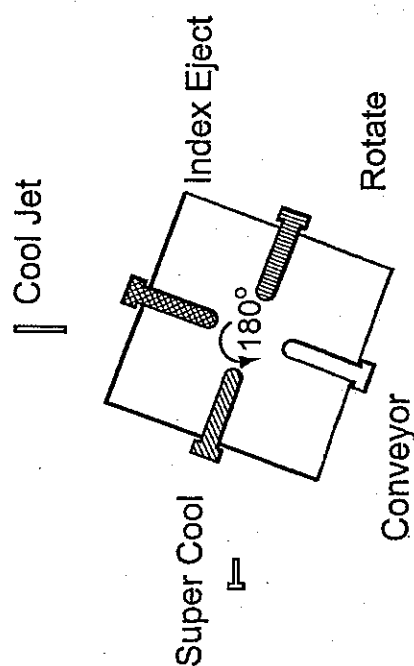


FIG. 18g

23/41

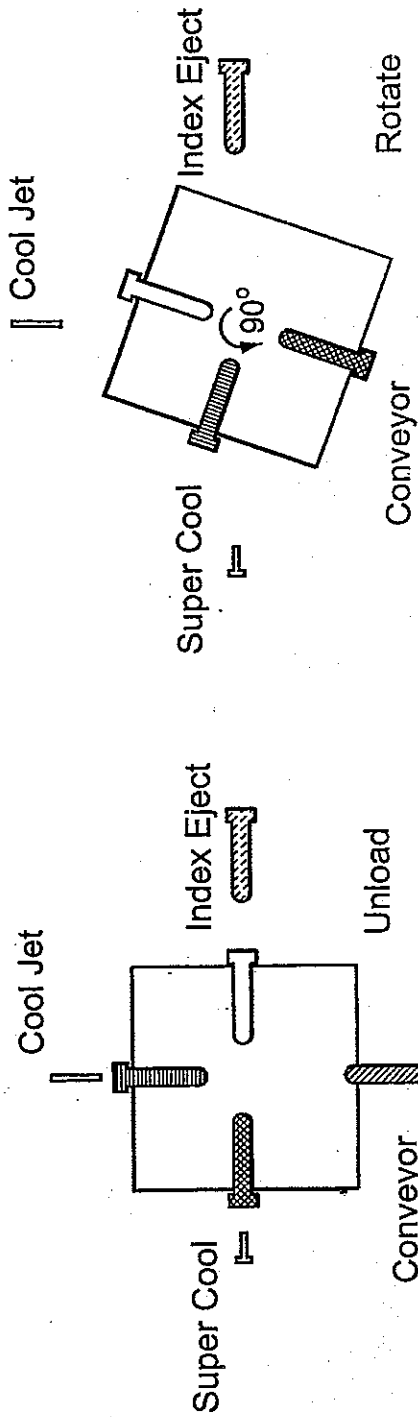


FIG. 18i

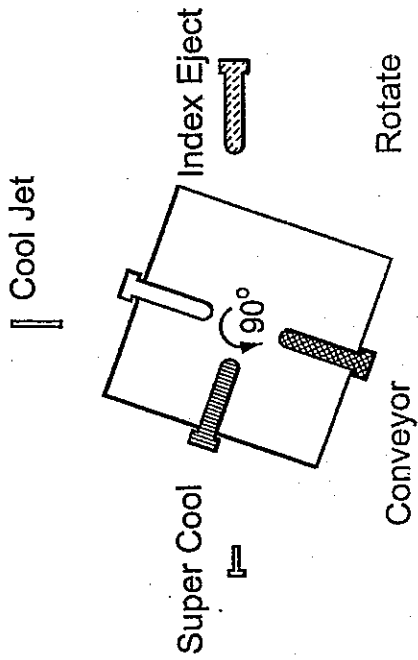


FIG. 18j

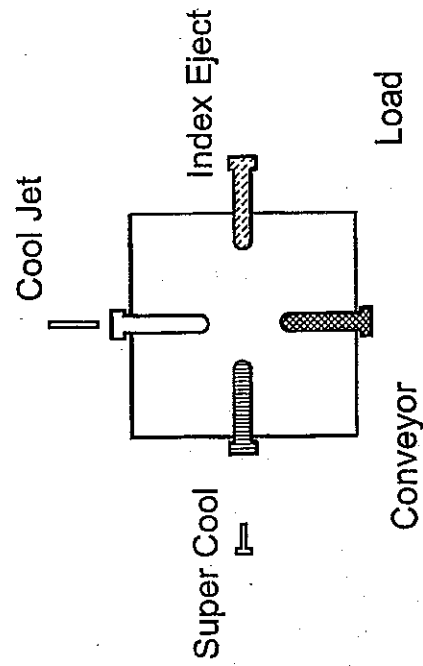


FIG. 18k

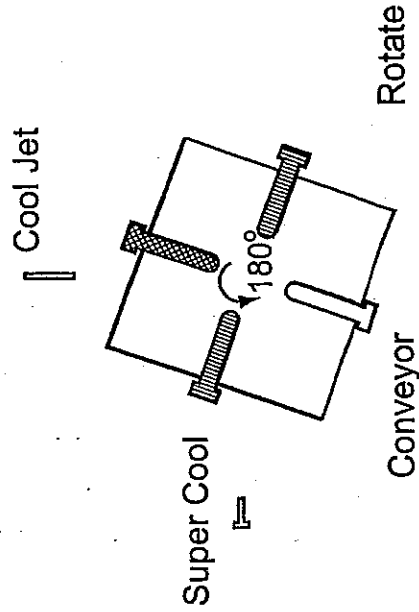


FIG. 18l

24/41

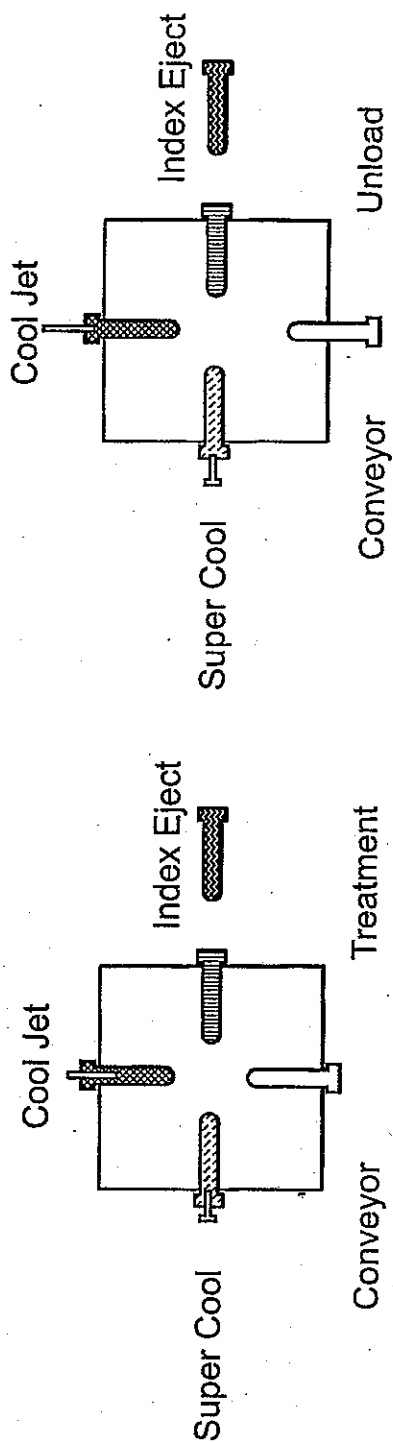


FIG. 18n

FIG. 18m

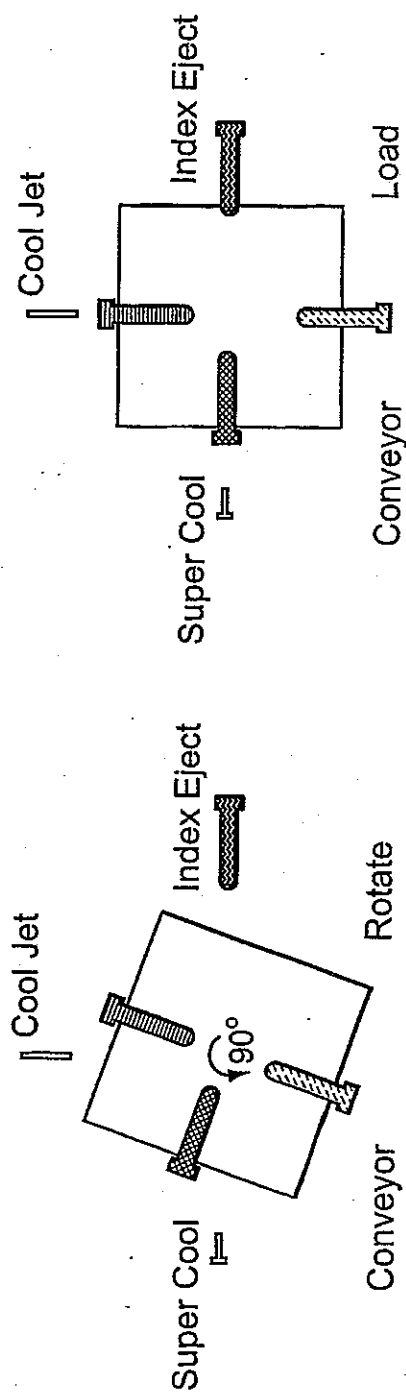


FIG. 18p

FIG. 18o

25/41

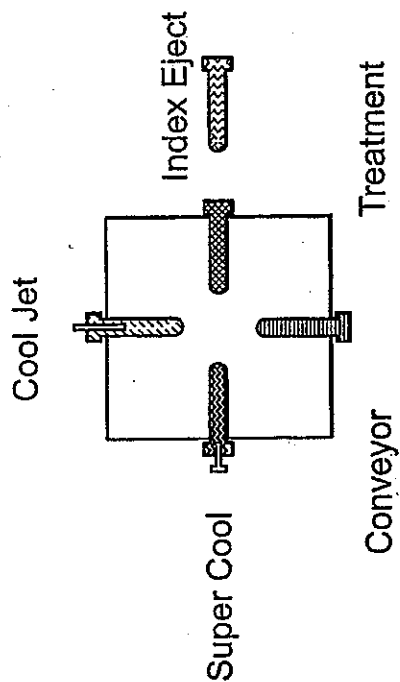


FIG. 18r

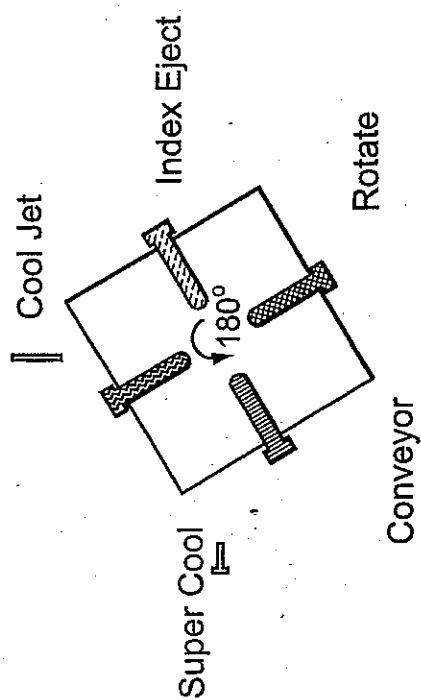


FIG. 18g

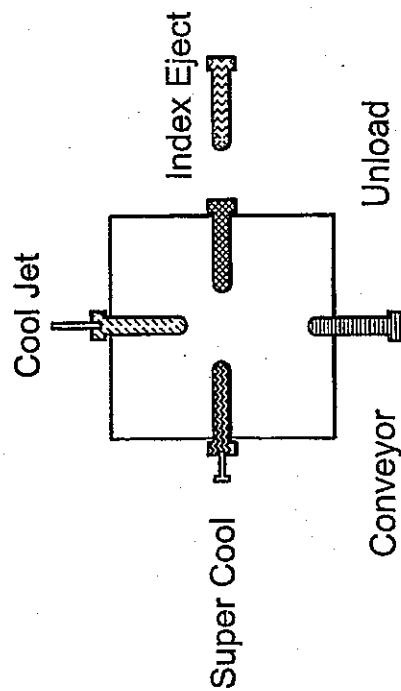


FIG. 18s

26/41

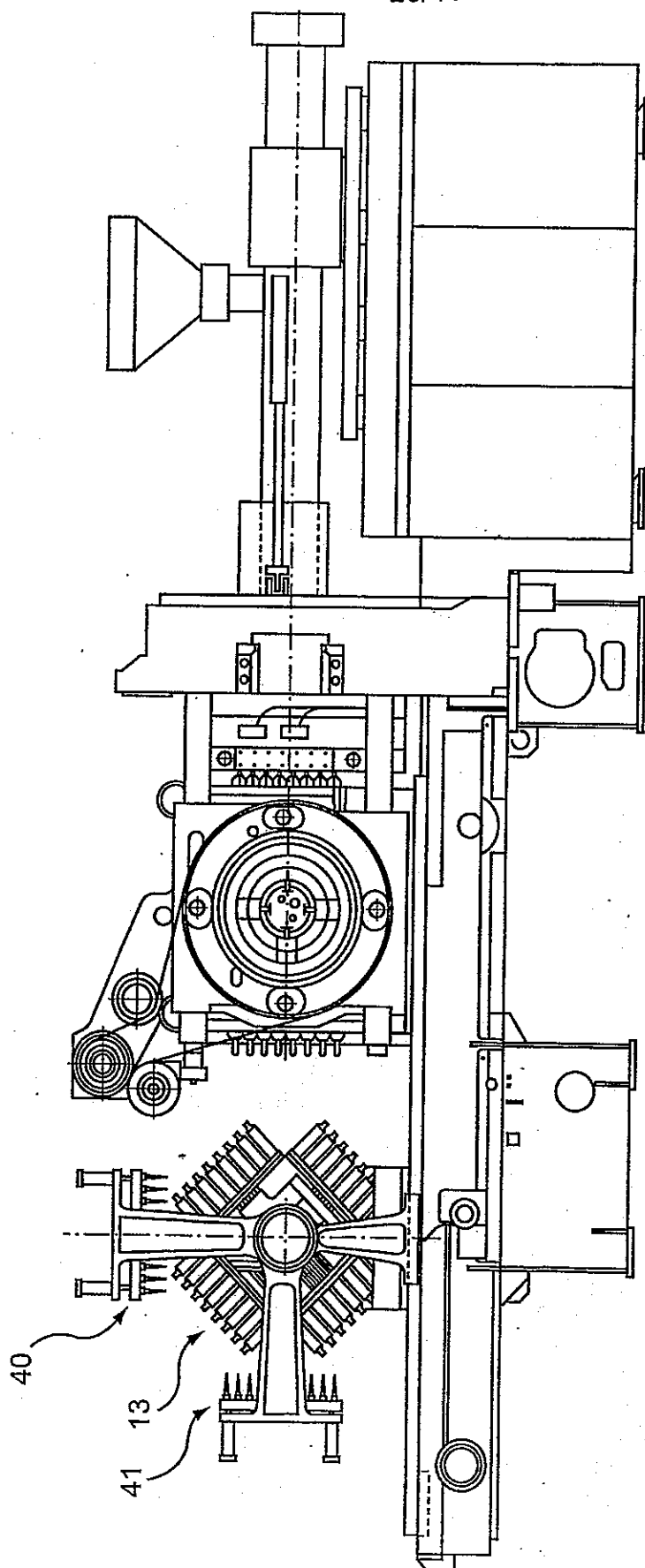
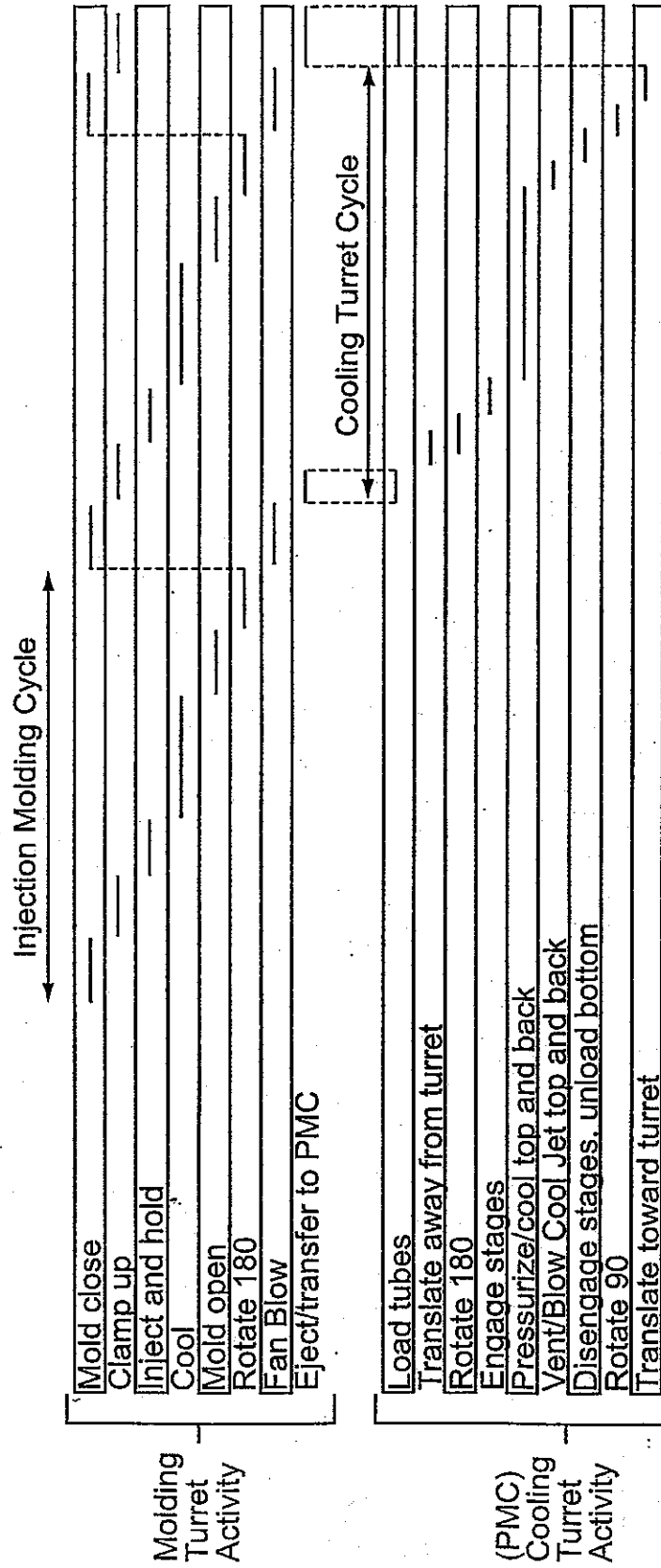


FIG. 19

27/41

SEQUENCE CHART for Preferred Configuration



- Optimized for maximum cooling time in tubes

FIG. 20

28/41

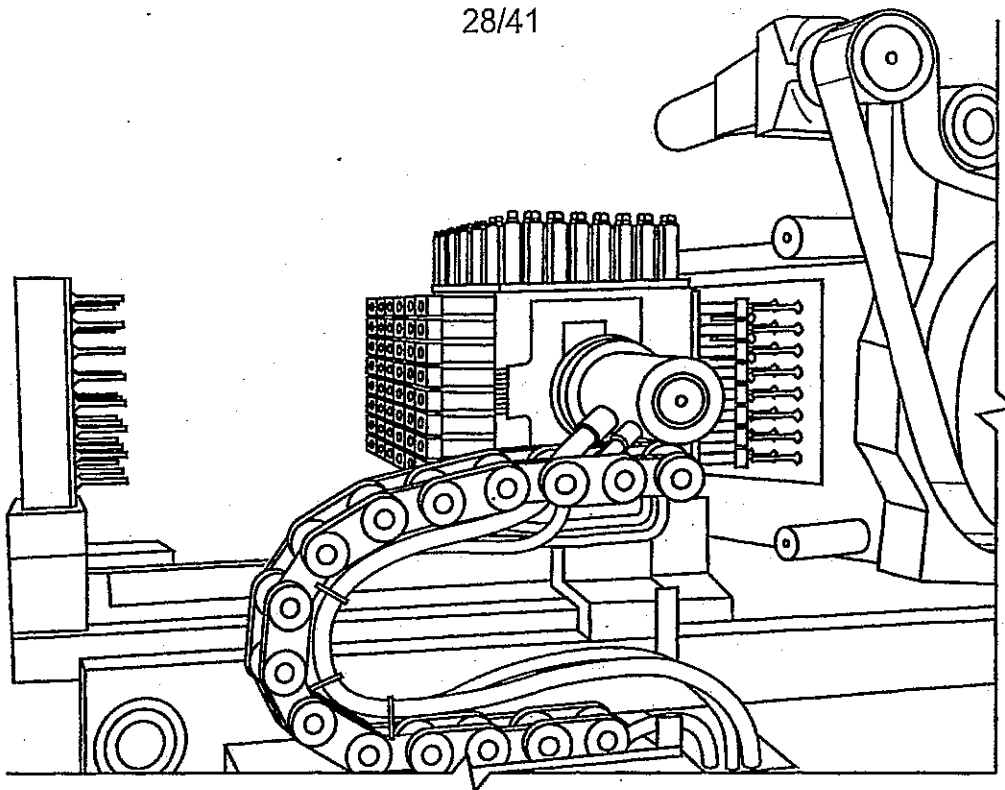


FIG. 21a

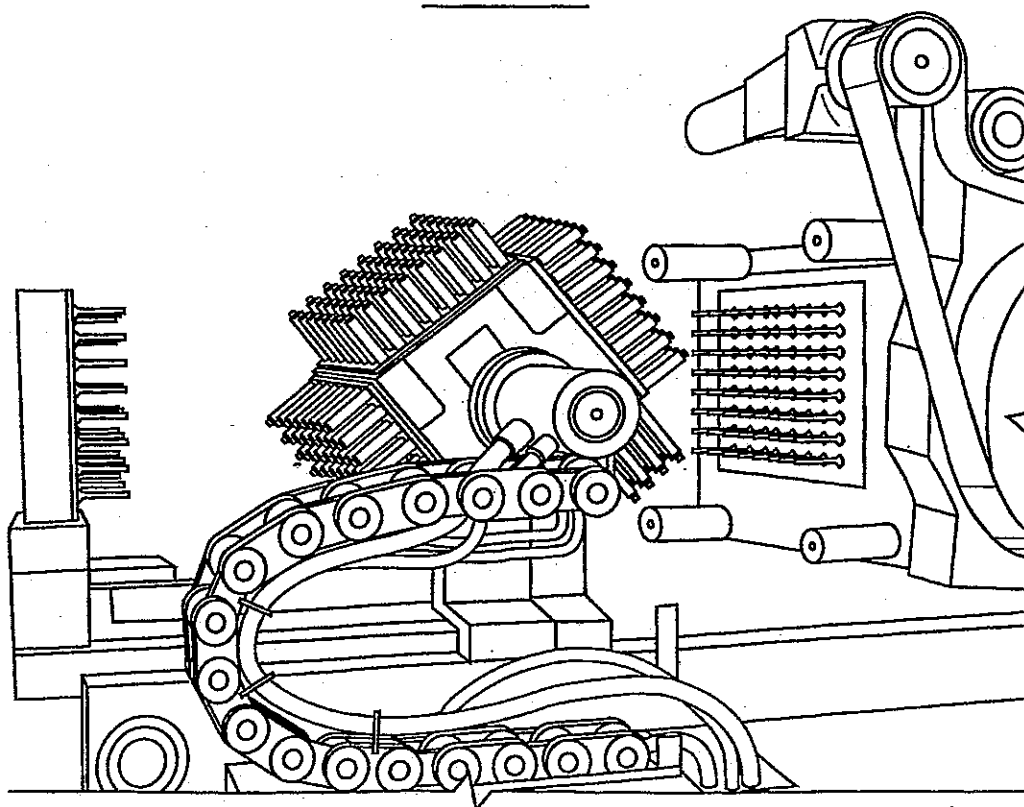


FIG. 21b

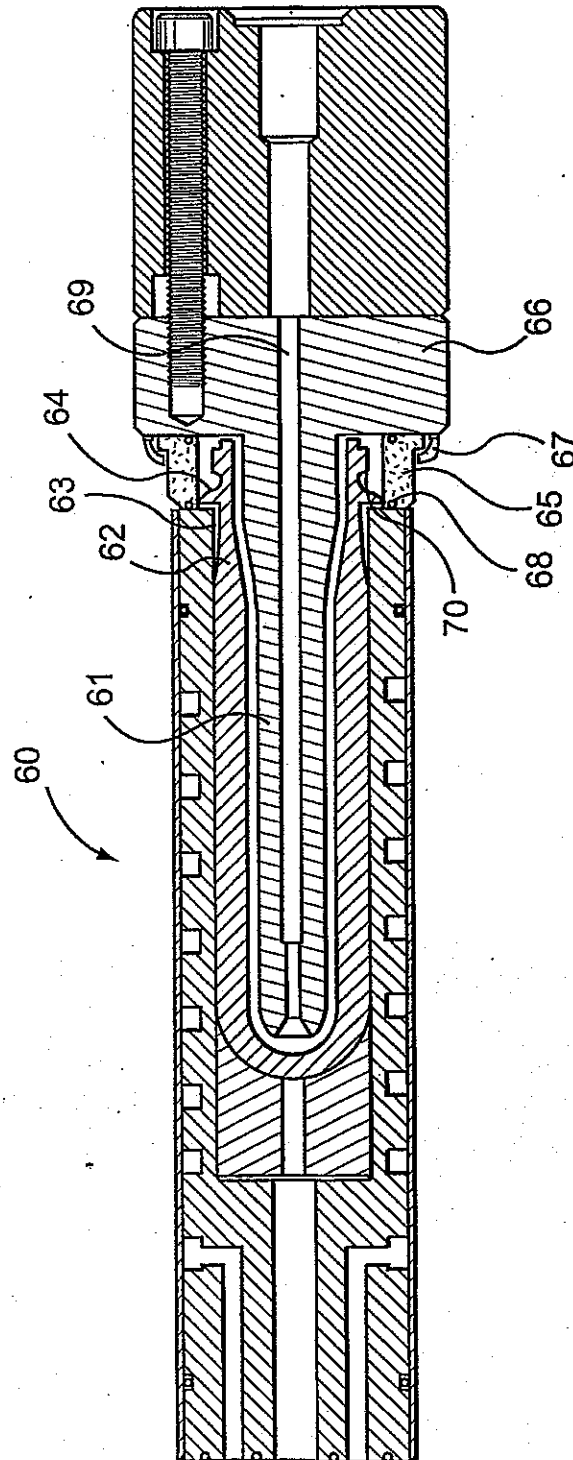


FIG. 22

30/41

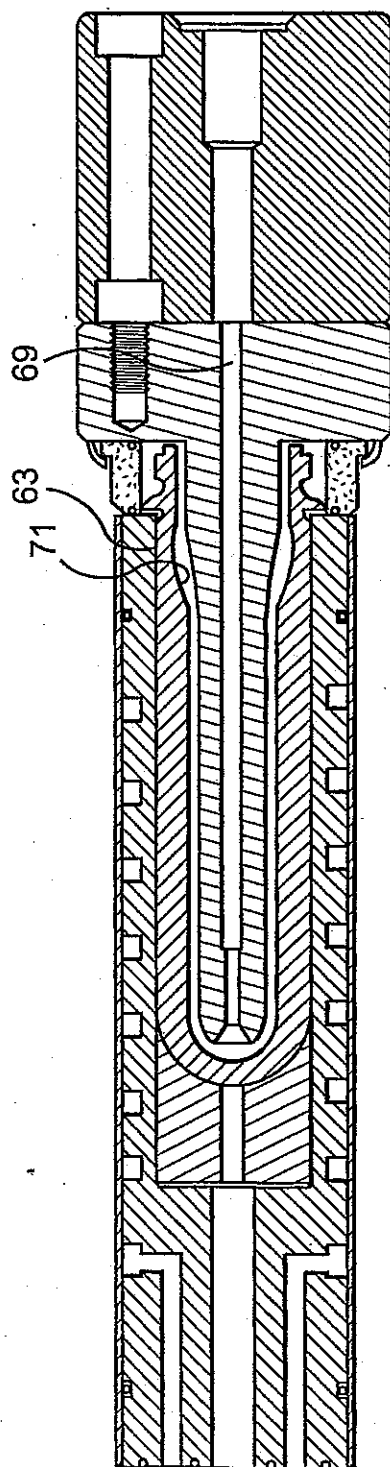


FIG. 23

31/41

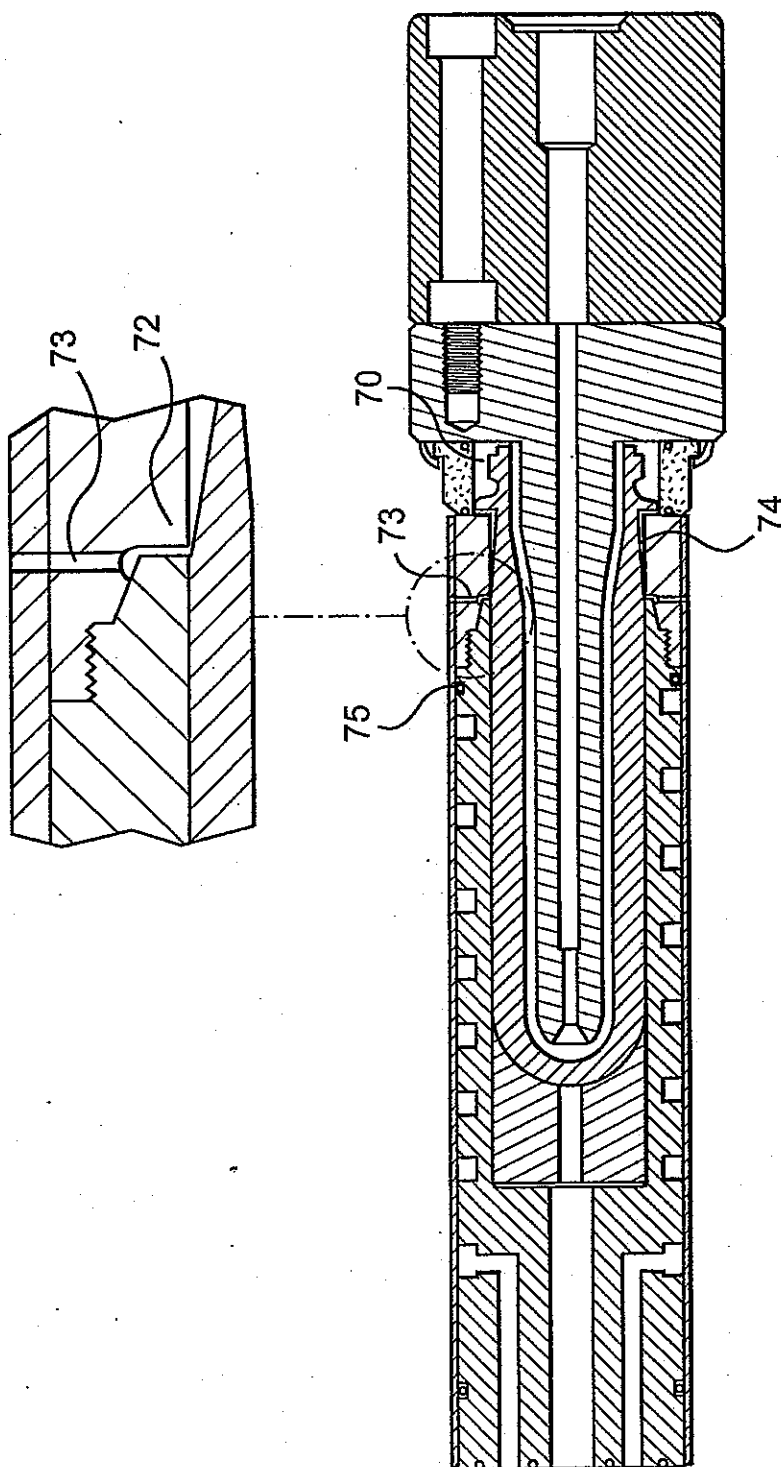


FIG. 24a

32/41

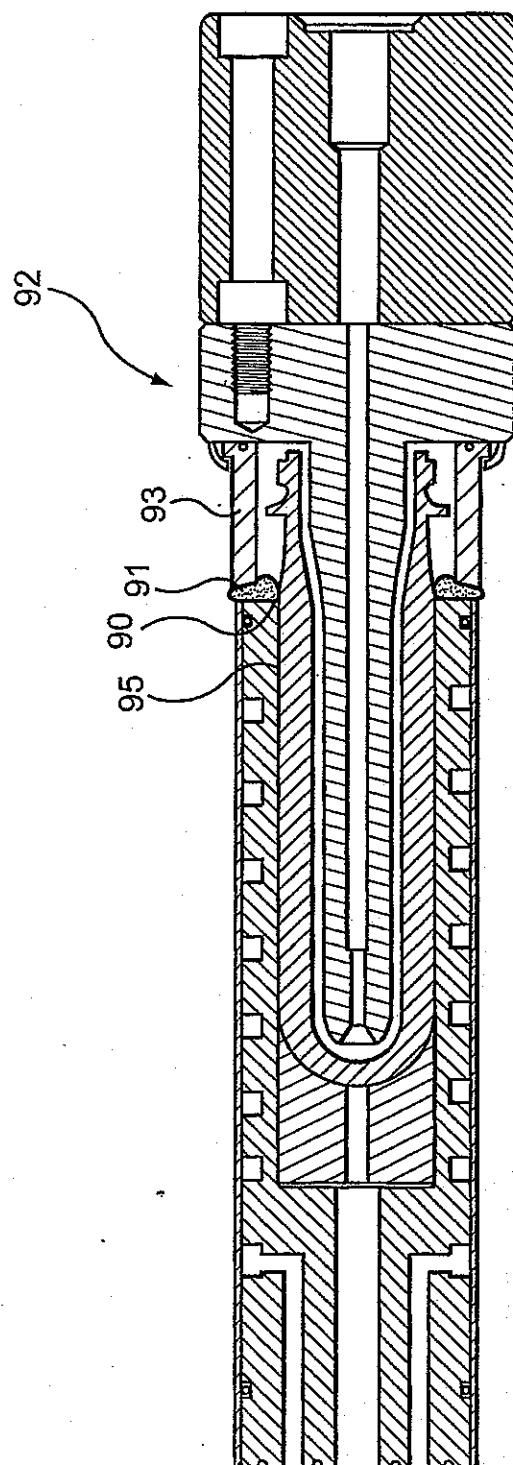


FIG. 24b

33/41

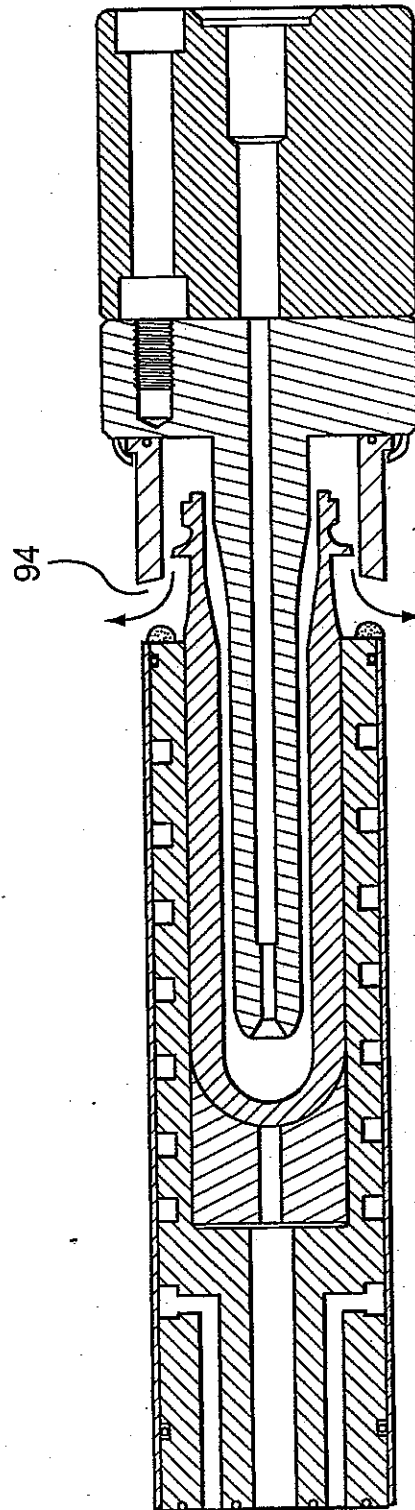


FIG. 24c

34/41

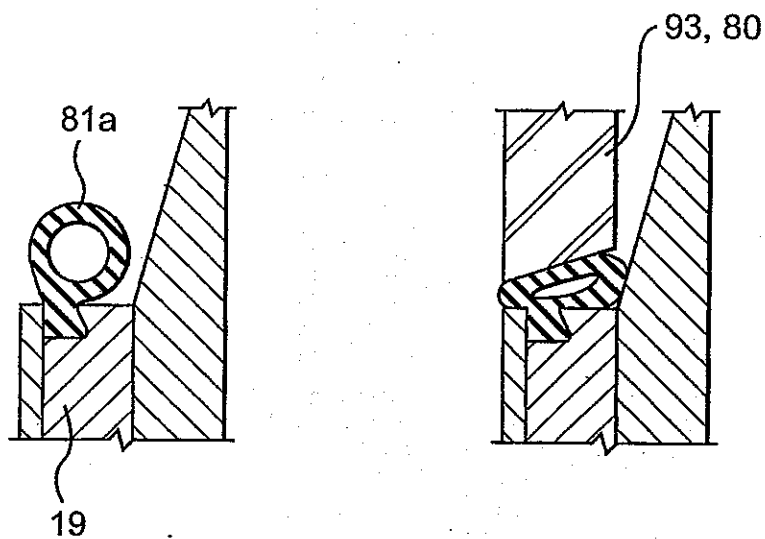


FIG. 24d

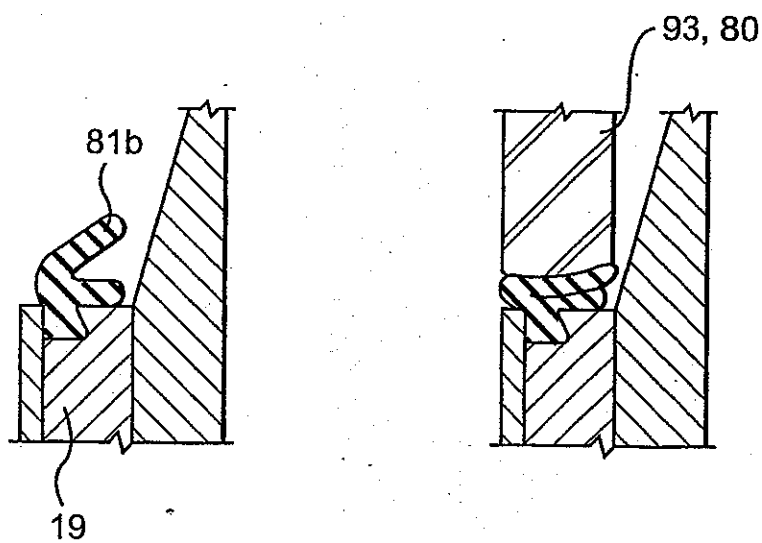


FIG. 24e

35/41

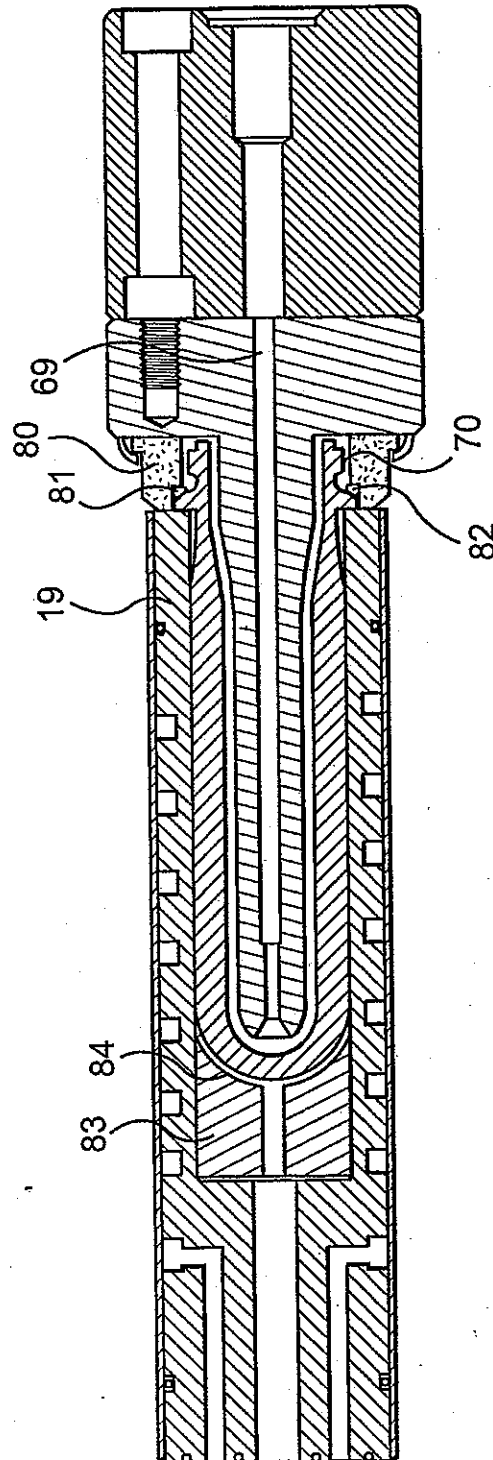


FIG. 25

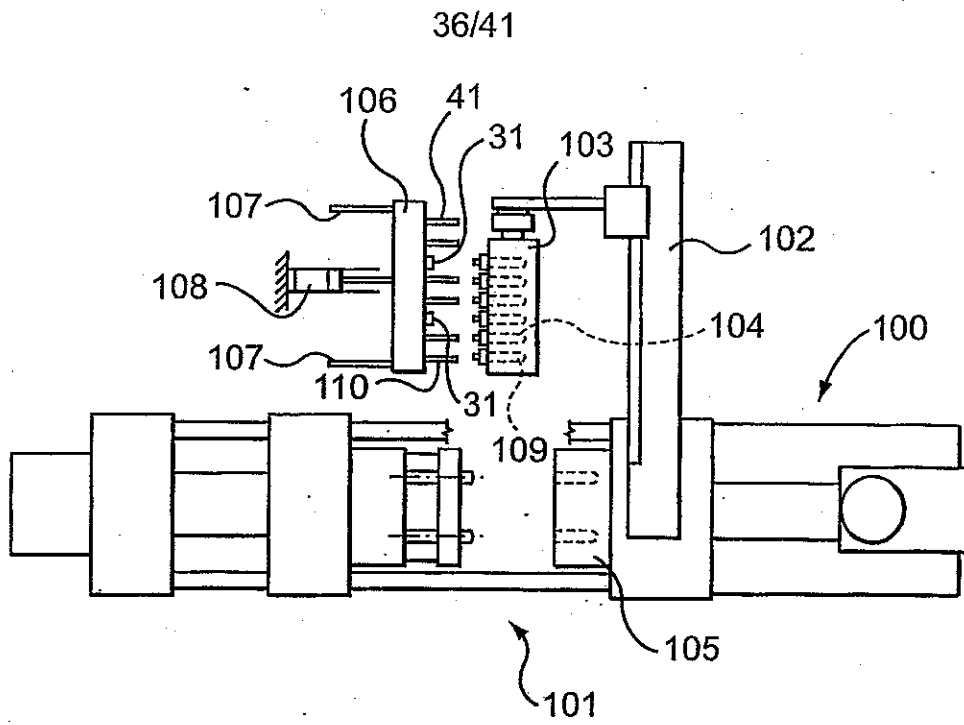


FIG. 26

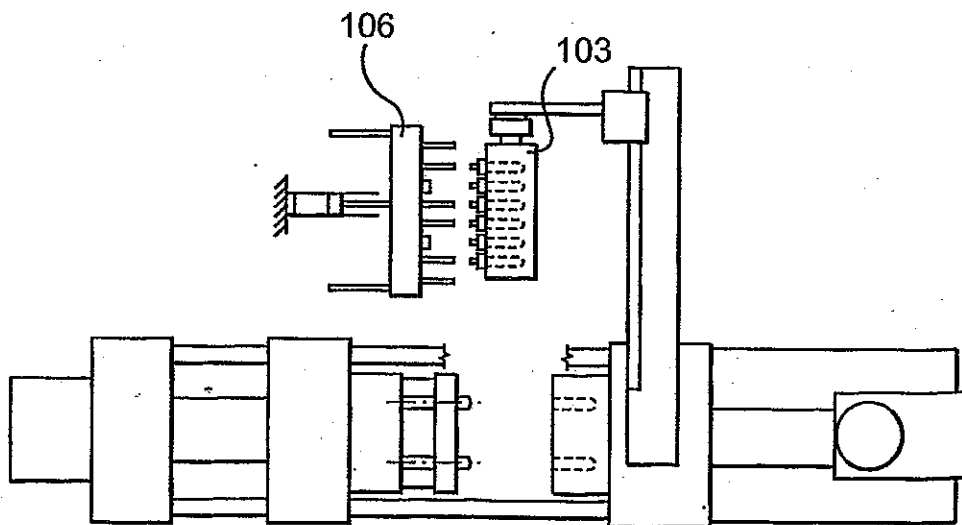


FIG. 27

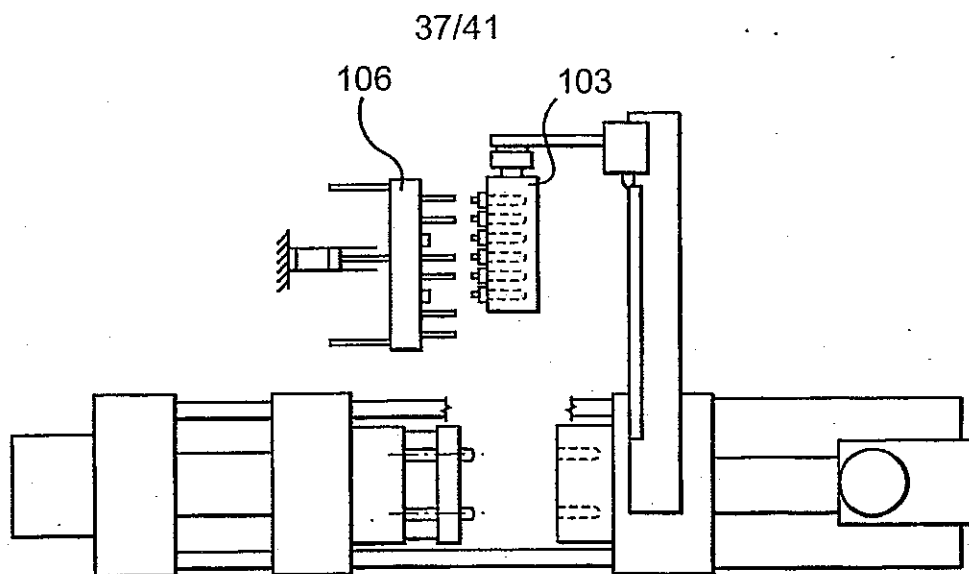


FIG. 28

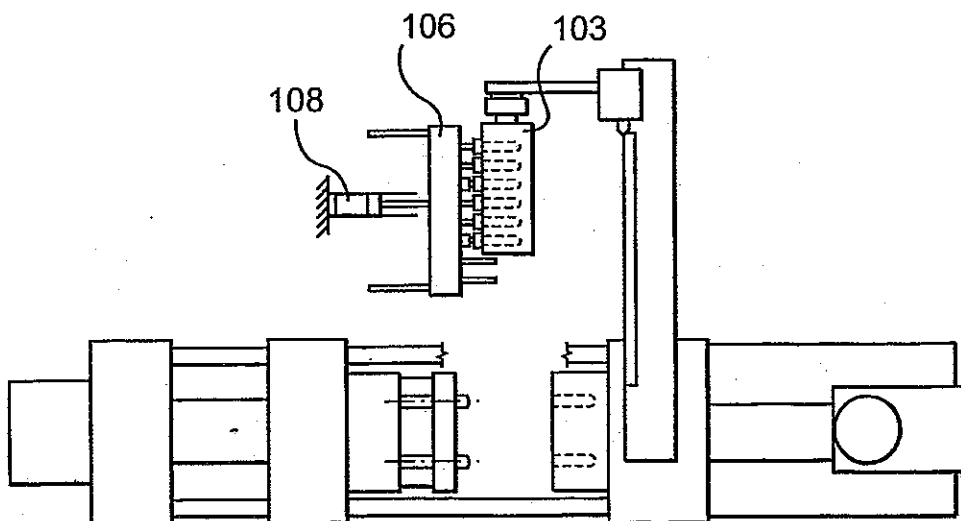


FIG. 29

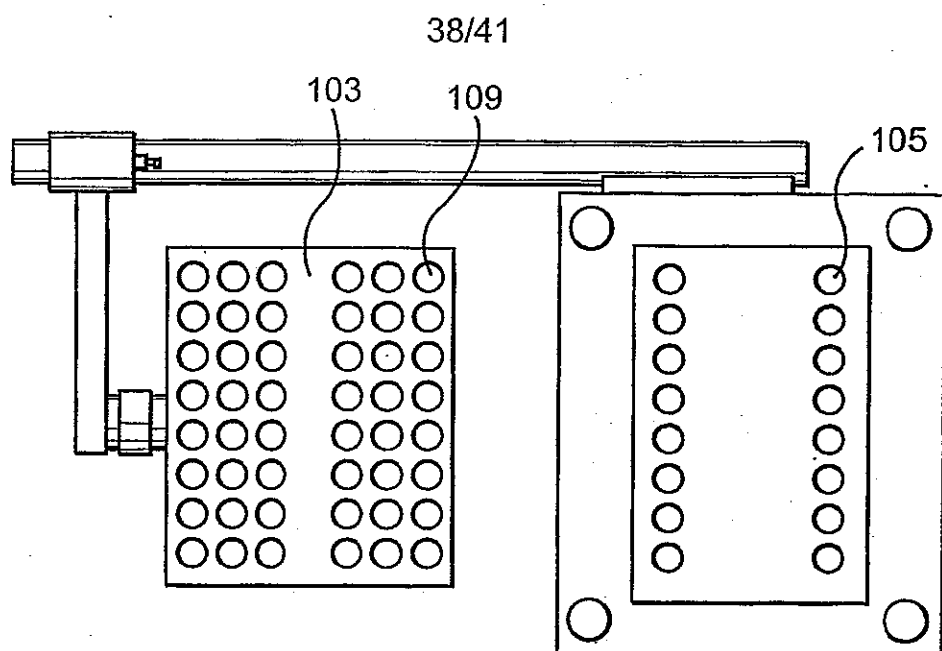


FIG. 30

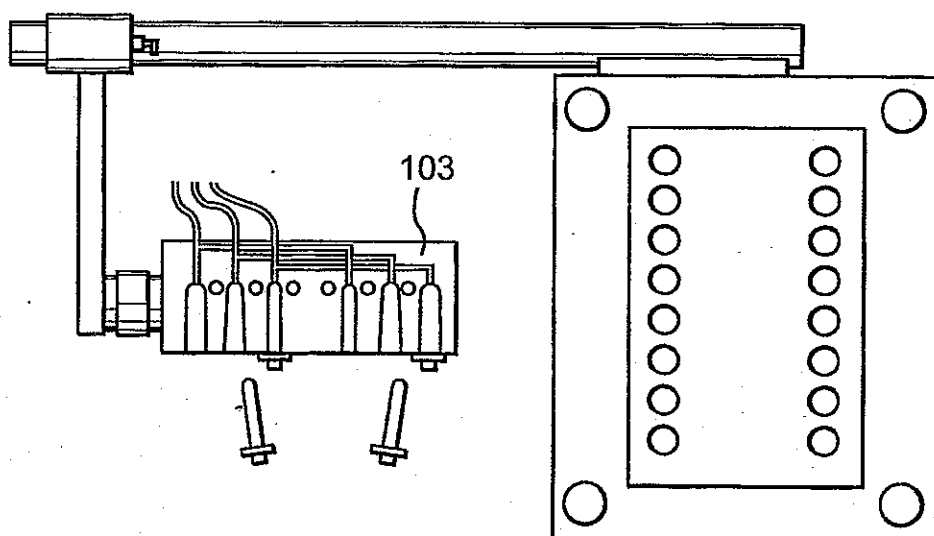


FIG. 31

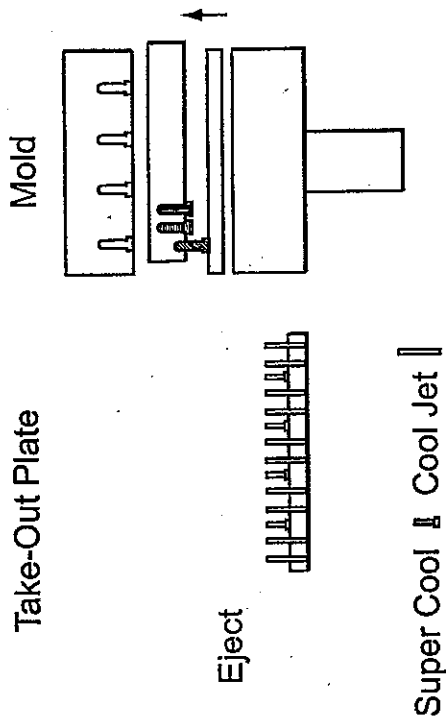


FIG. 32b

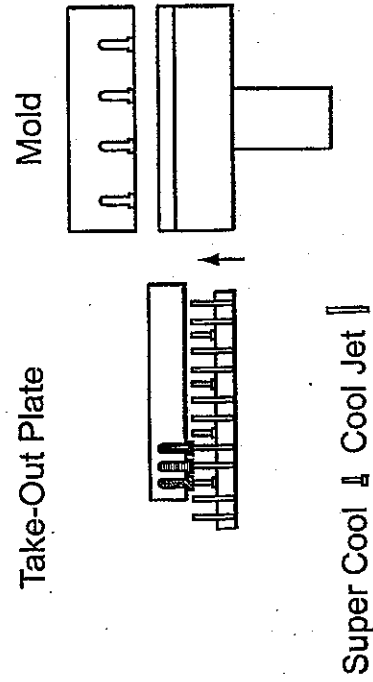


FIG. 32d

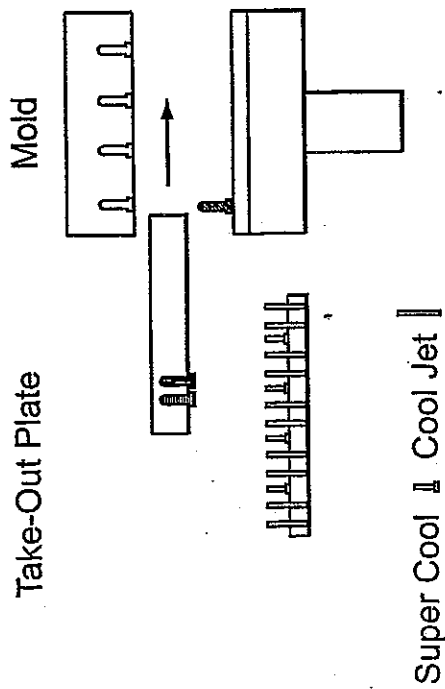


FIG. 32a

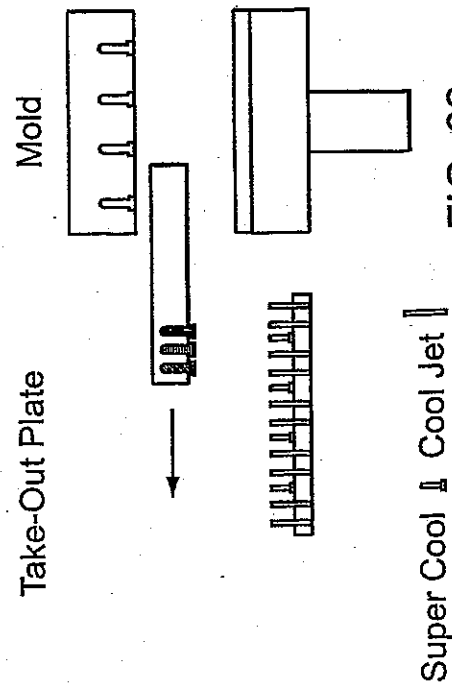
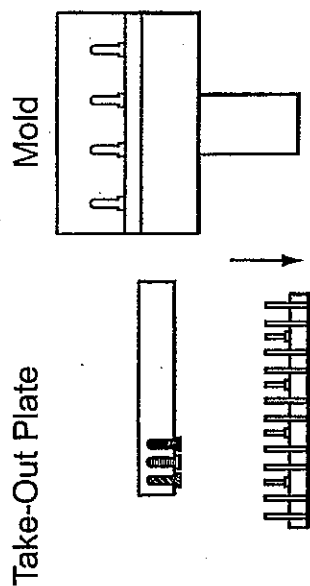


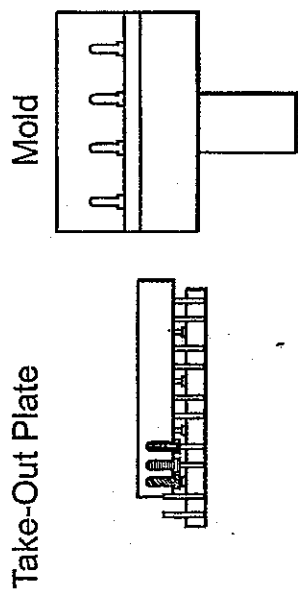
FIG. 32c

40/41



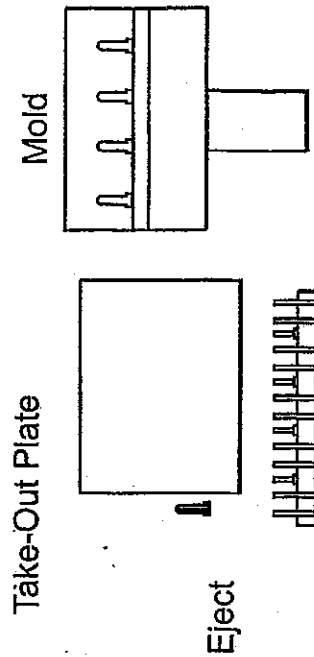
Super Cool 1 Cool Jet 1

FIG. 32f



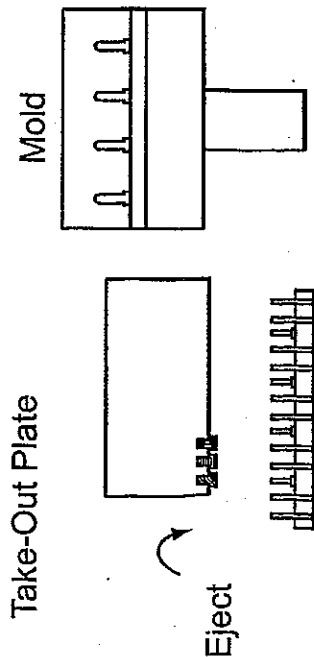
Super Cool 1 Cool Jet 1

FIG. 32e



Super Cool 1 Cool Jet 1

FIG. 32h



Super Cool 1 Cool Jet 1

FIG. 32g

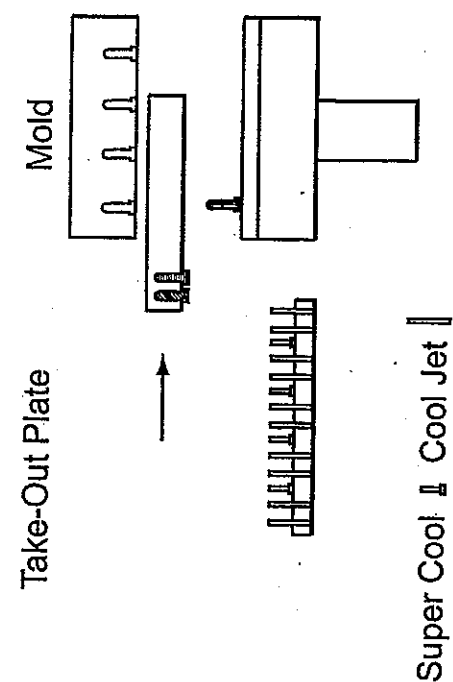


FIG. 32i

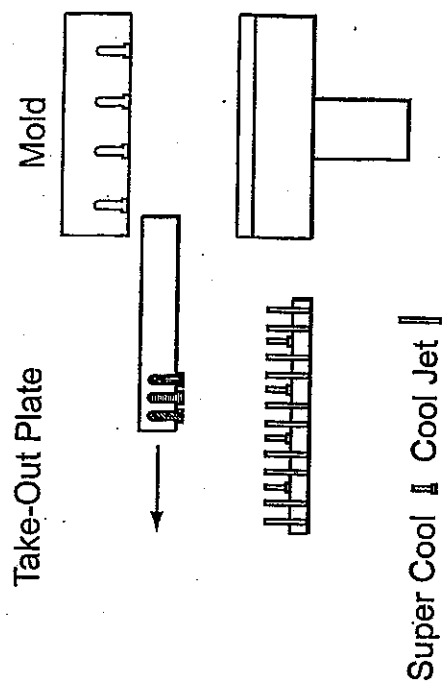


FIG. 32j

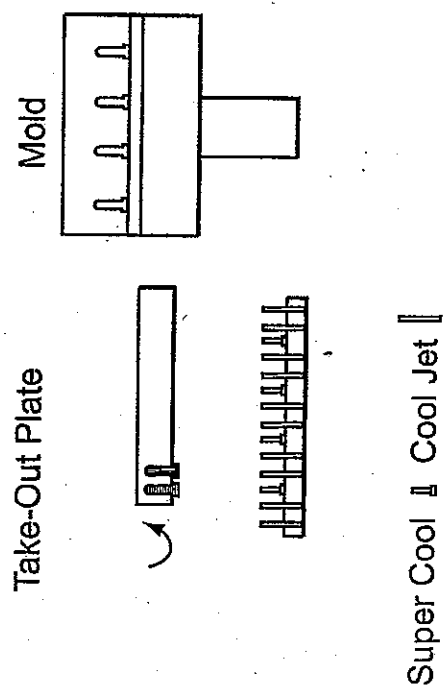


FIG. 32i

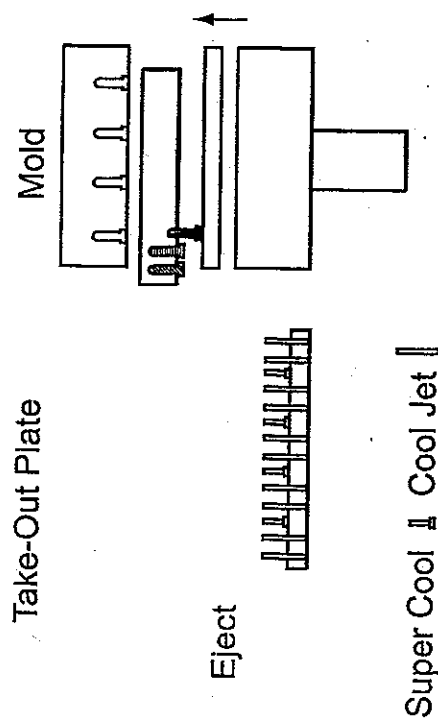


FIG. 32k