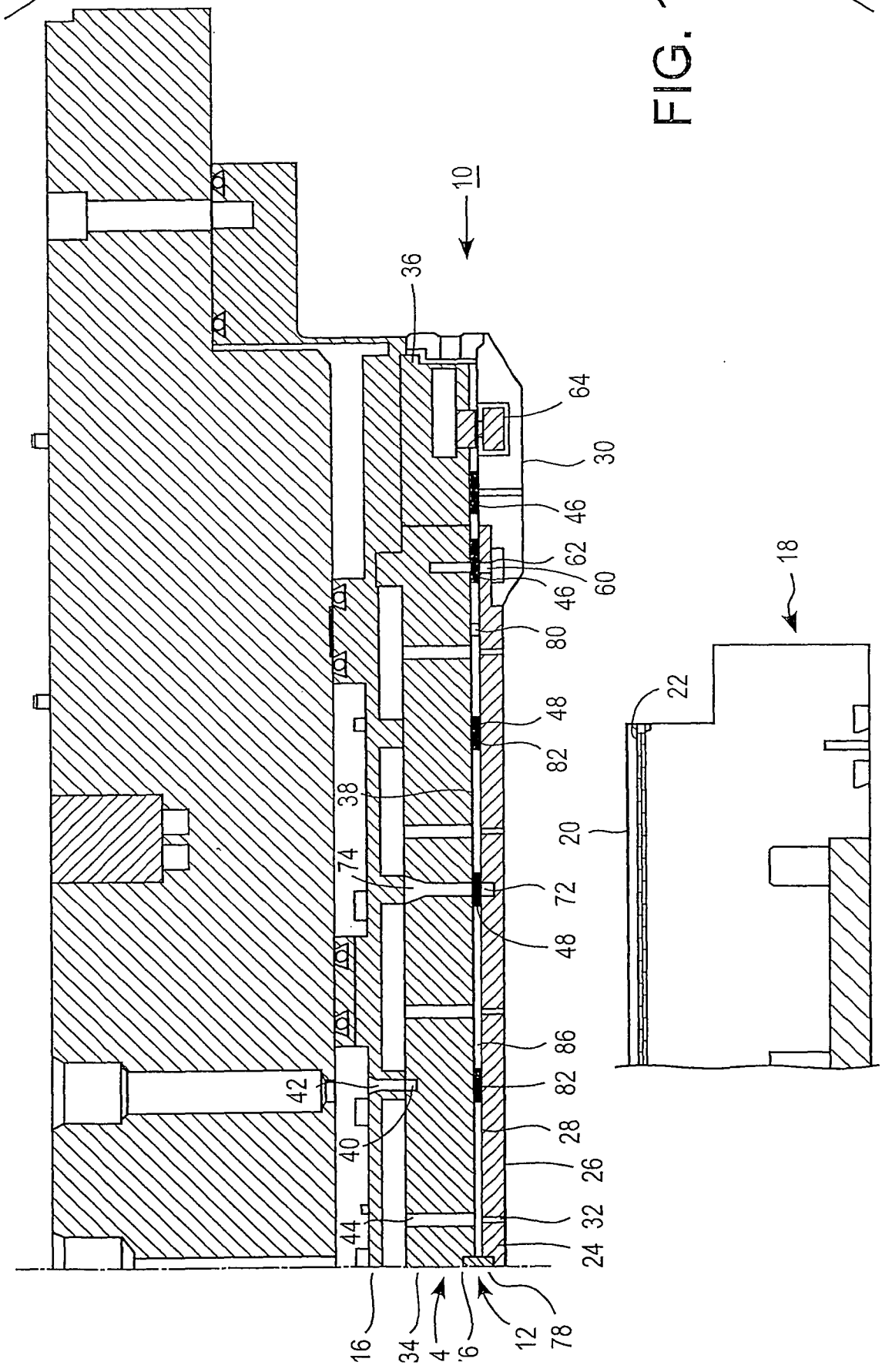
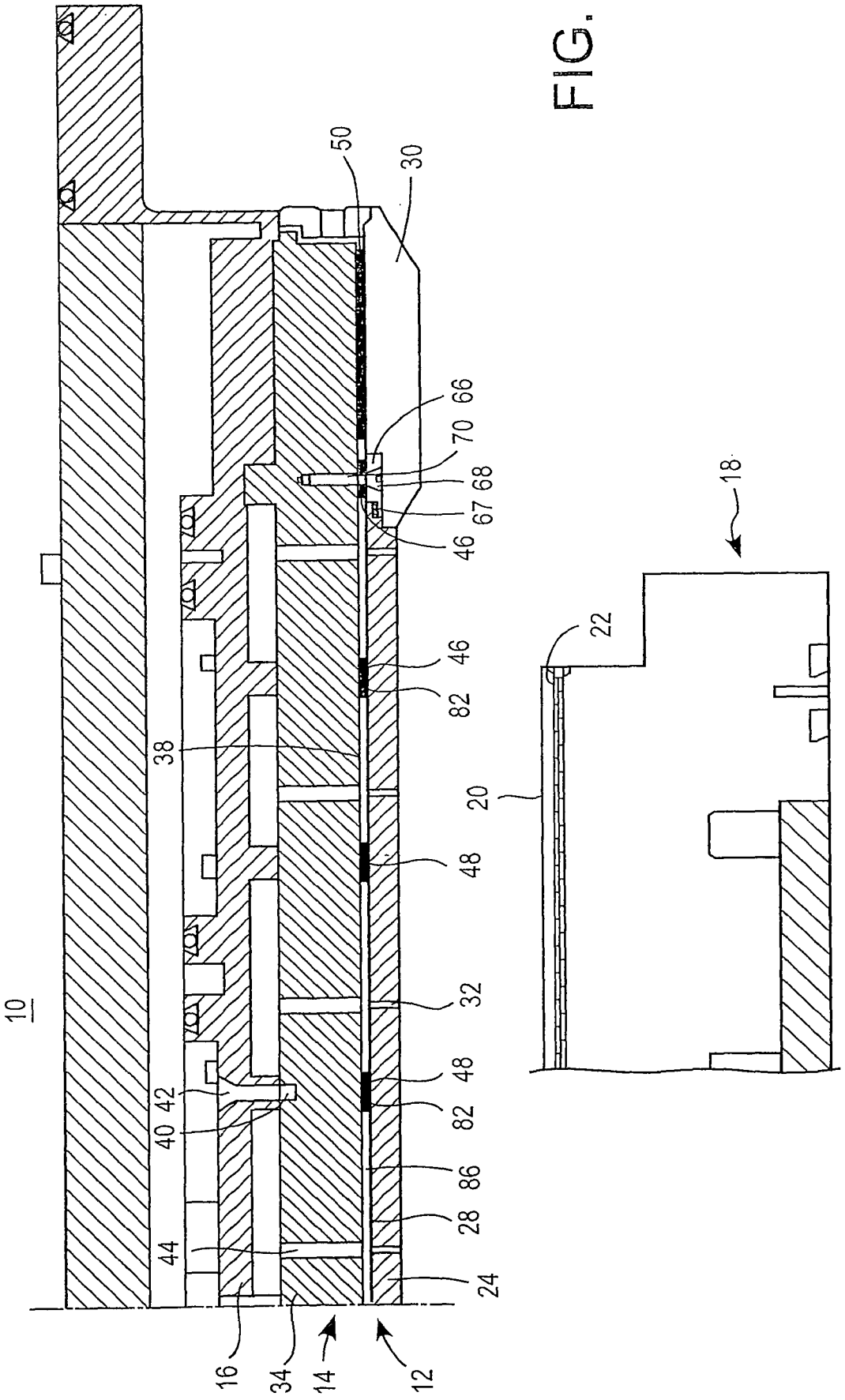

10
36
64
30
46
62
60
46
80
48
82
38
74
72
48
86
82
28
26
32
24
42
40
44
16
34
4
6
12
78
18
22
20

FIG. 1A

FIG. 1B


10
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67
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42
40
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44
24
16
34
14
12

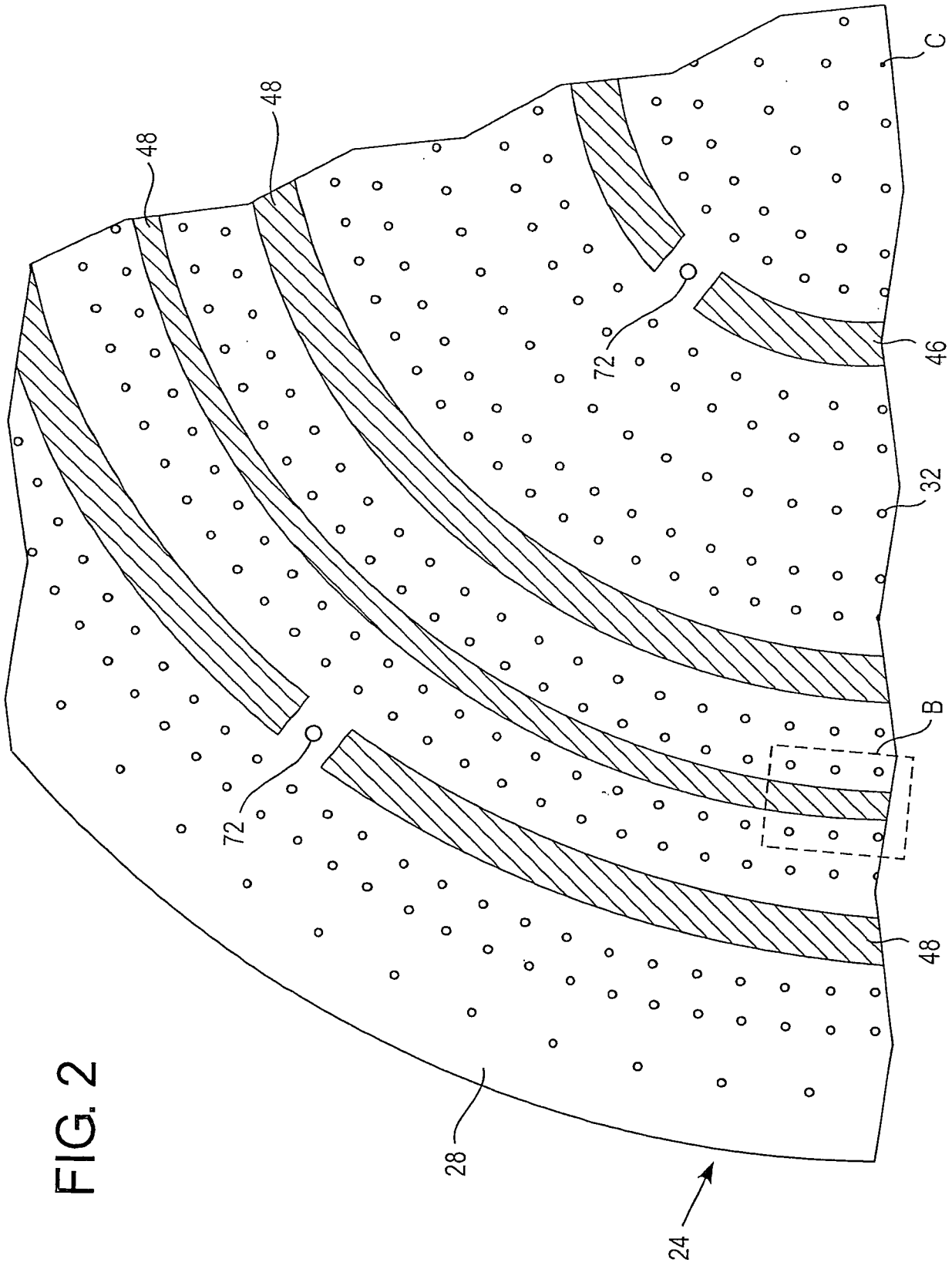

FIG. 2

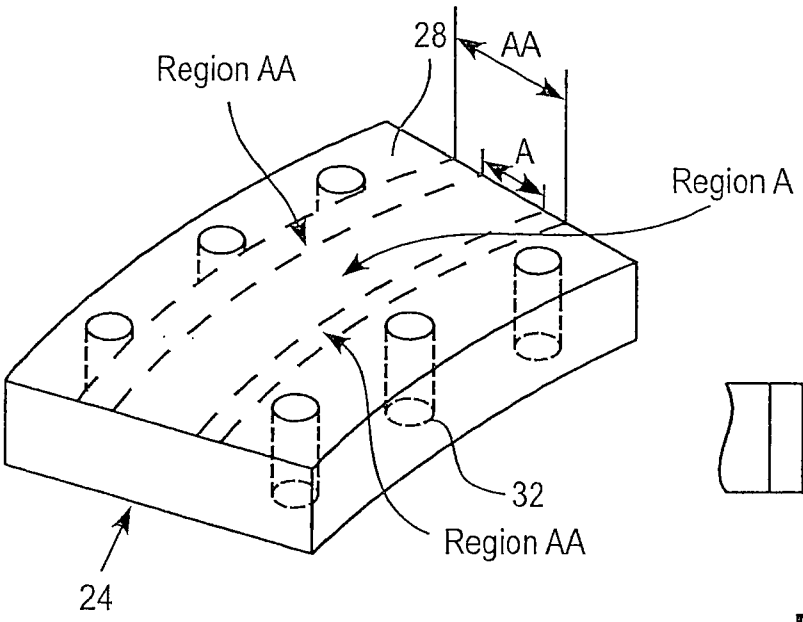

FIG. 3A

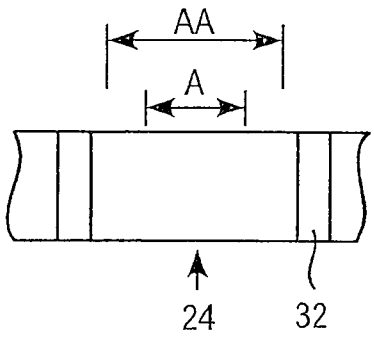

FIG. 3B

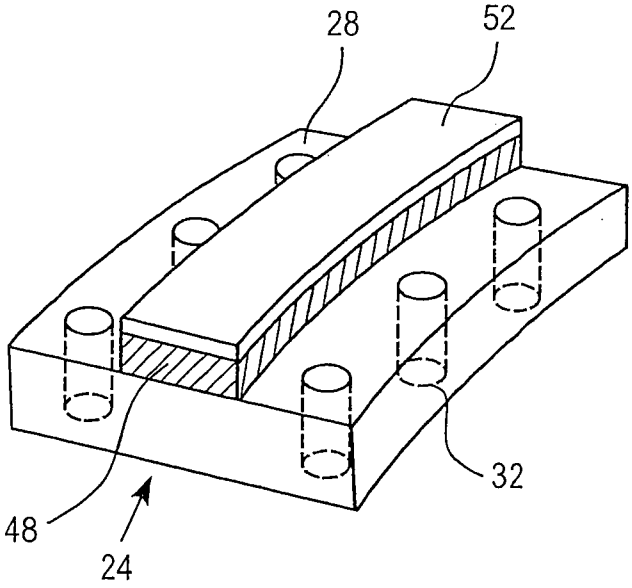

FIG. 4A

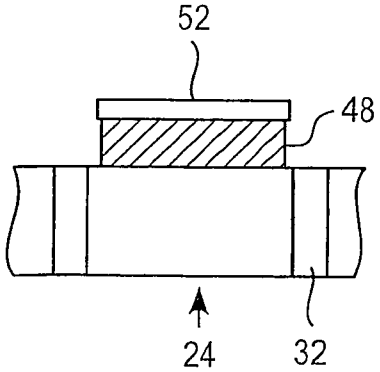

FIG. 4B

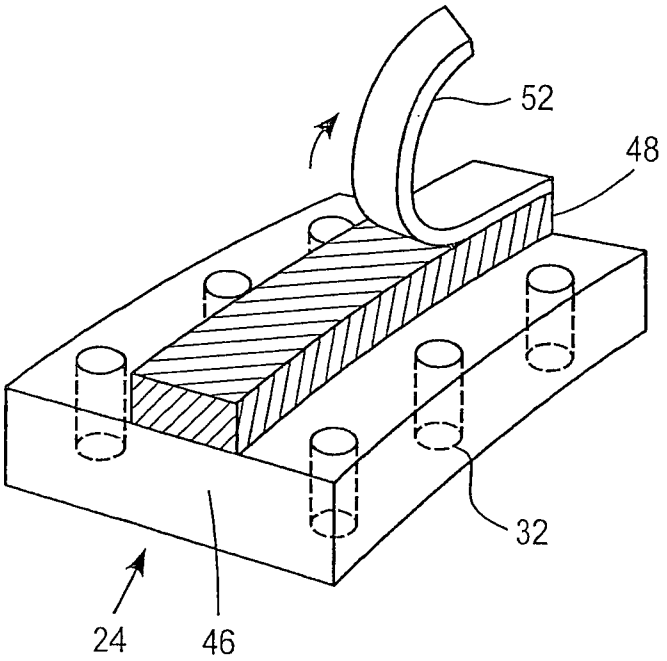

FIG. 5A

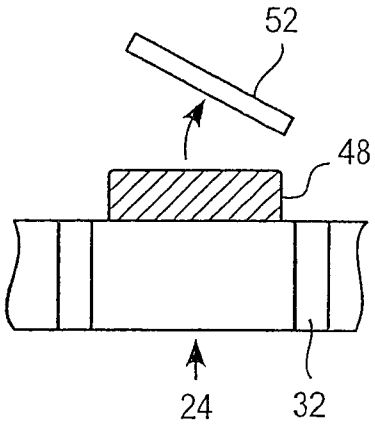

FIG. 5B

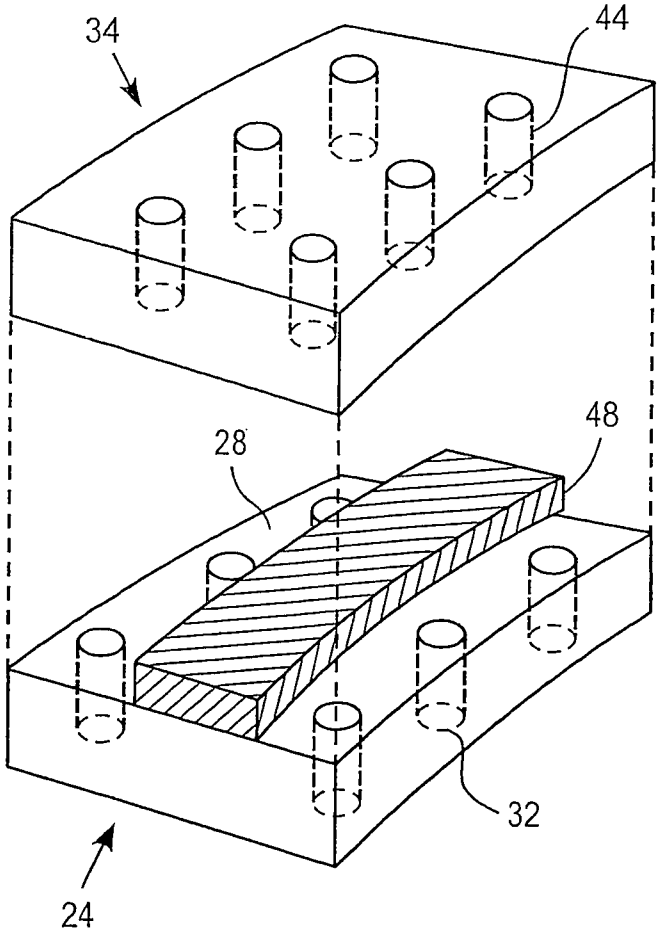

FIG. 6A

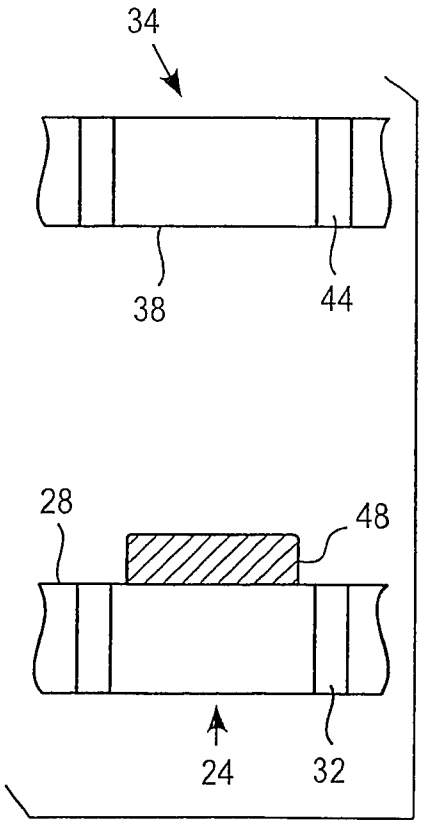

FIG. 6B

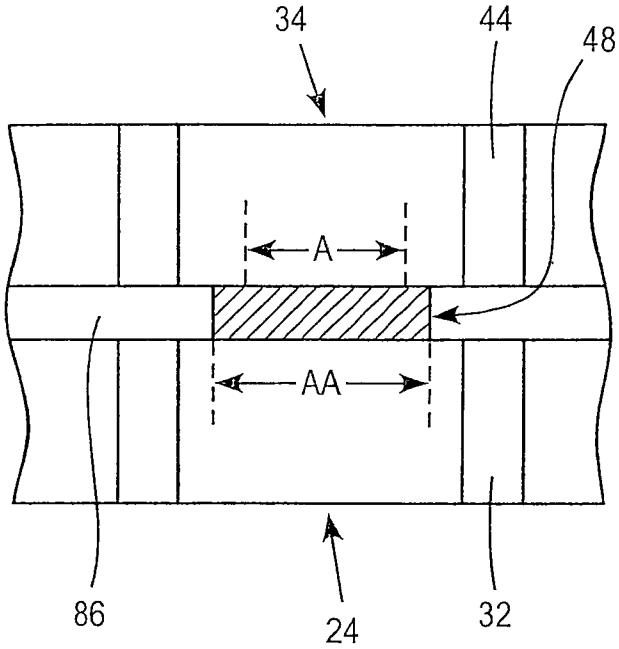

FIG. 7A

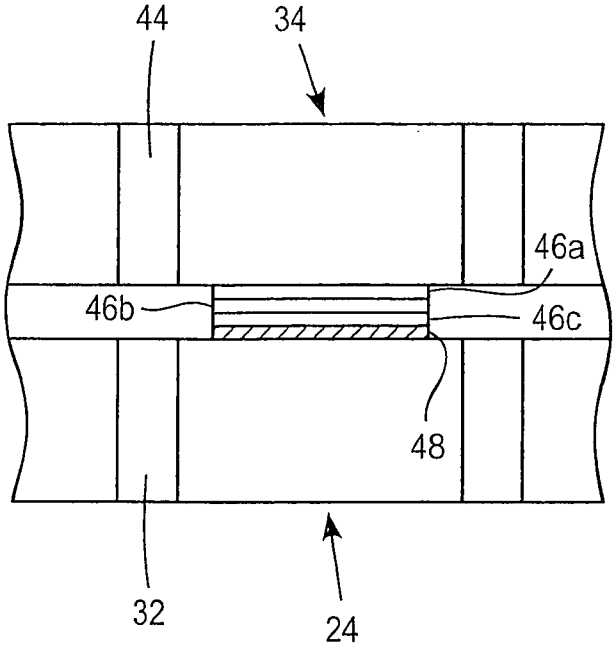

FIG. 7B

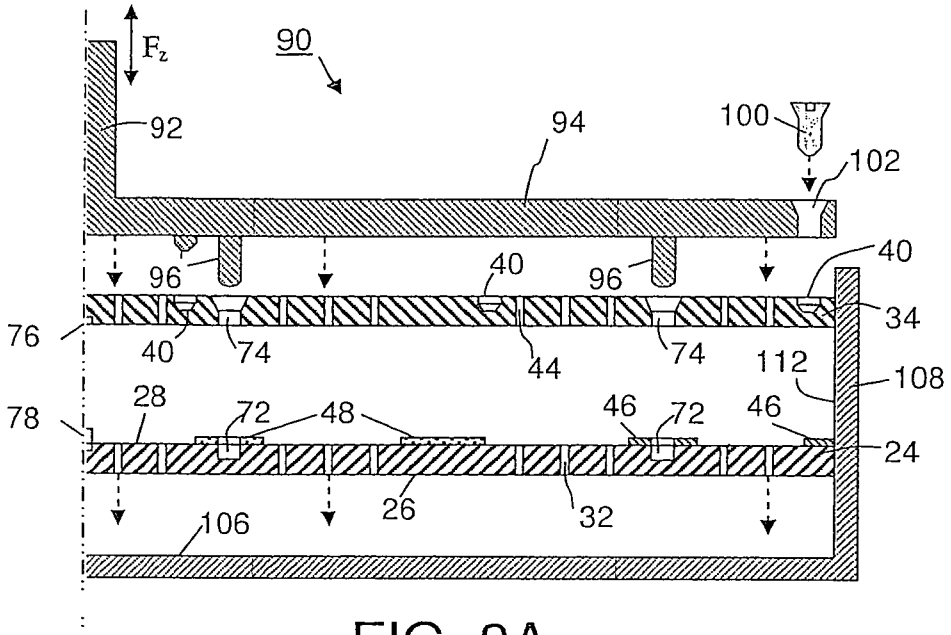
F_z
90
92
94
100
102
96
40
96
40
34
76
40
74
44
74
112
108
78
28
72
48
46
72
46
24
26
32
106

FIG. 8A

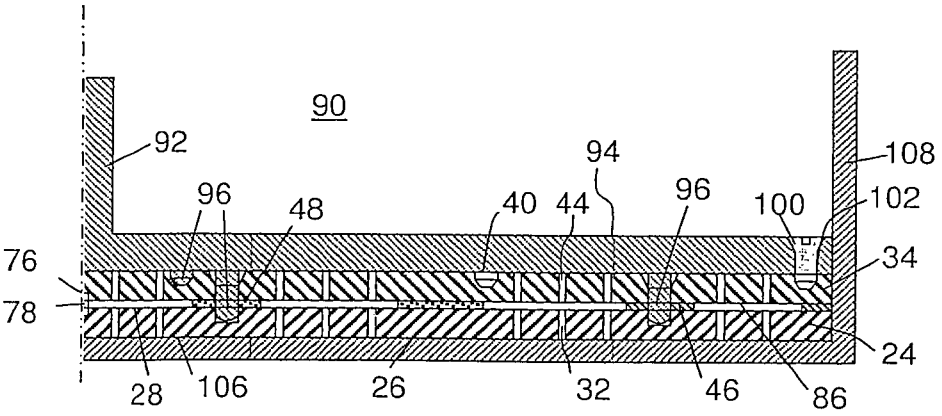
90
92
94
108
96
48
40
44
96
100
102
76
34
78
24
28
106
26
32
46
86

FIG. 8B

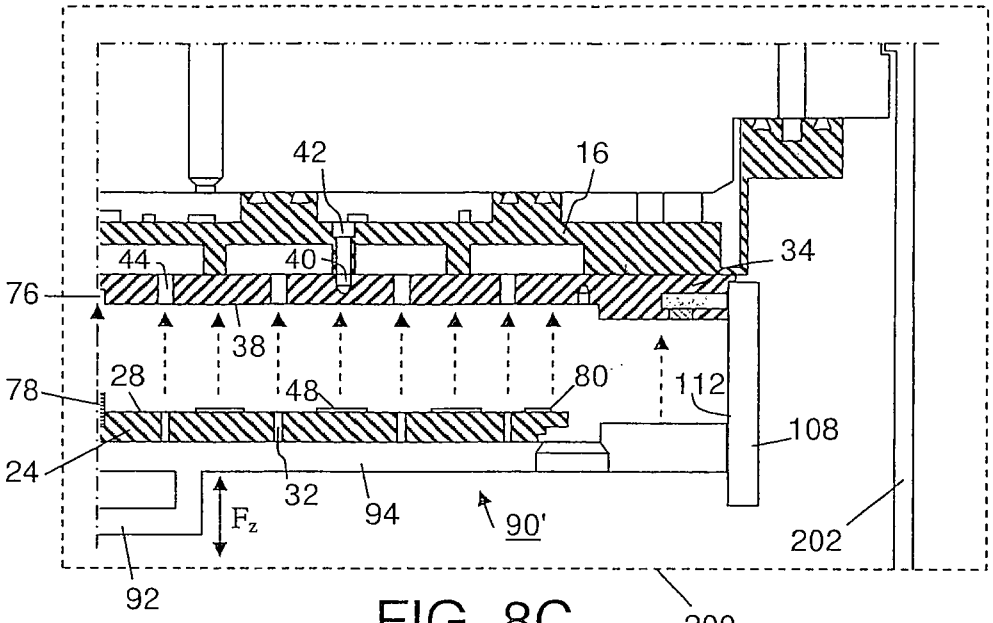
42
16
44
40
34
76
38
78
28
48
80
112
108
24
32
94
90'
F_z
92
202
200

FIG. 8C

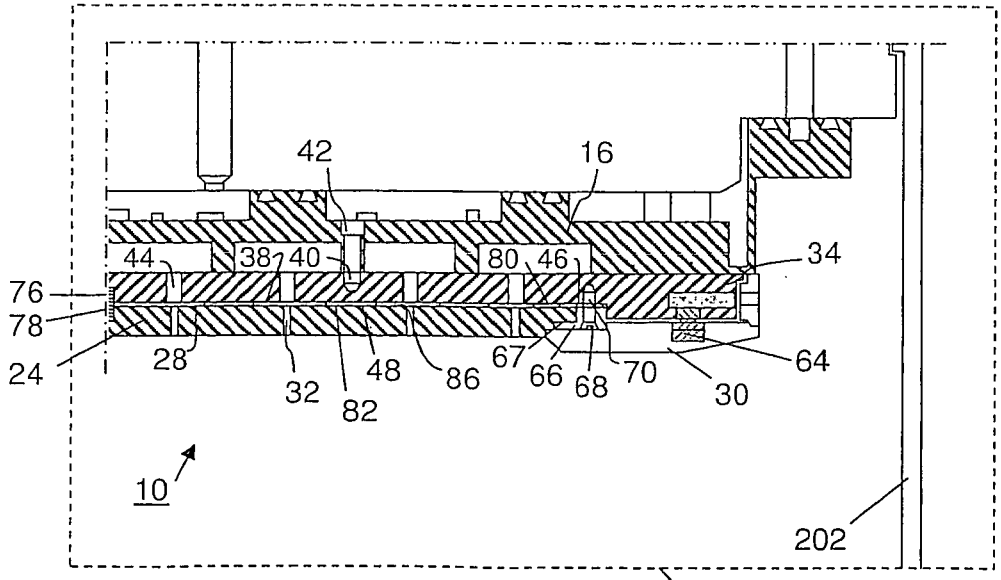
42
16
44
38
40
80
46
34
76
78
24
28
32
82
48
86
67
66
68
70
30
64
10
202
200

FIG. 8D

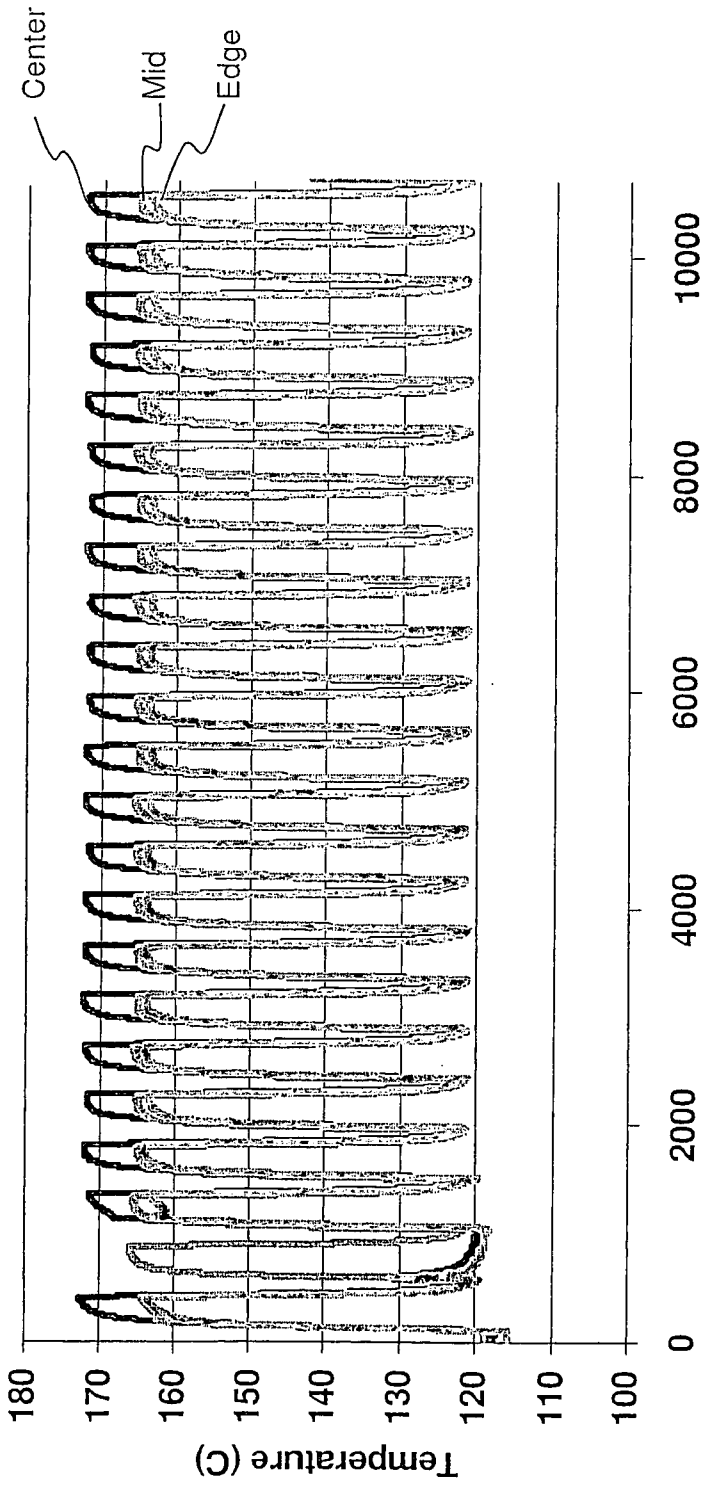
Center
Mid
Edge
Temperature (C)
180
170
160
150
140
130
120
110
100
0
2000
4000
6000
8000
10000
Time (sec)

FIG. 9

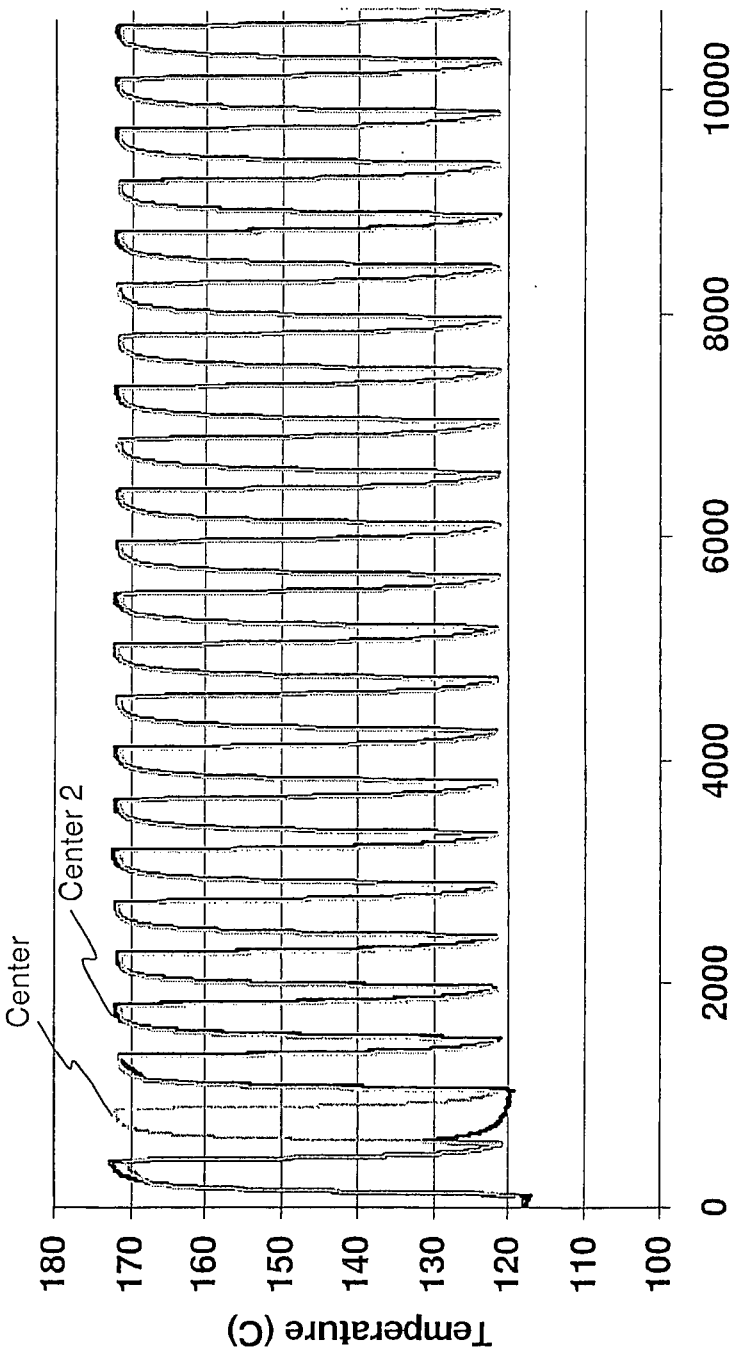
Temperature (C)
180
170
160
150
140
130
120
110
100
0
2000
4000
6000
8000
10000
Time (sec)
Center
Center 2

FIG. 10

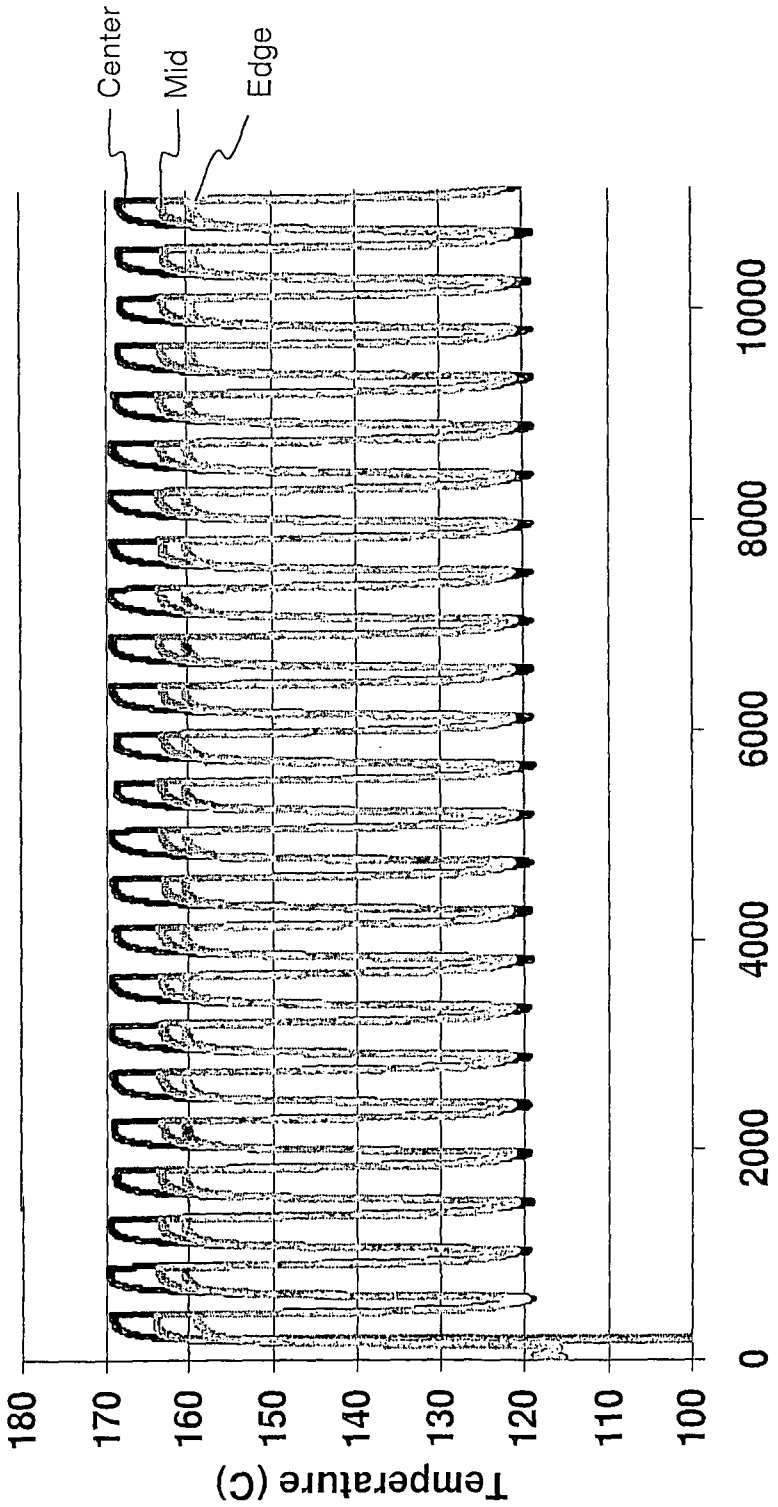
Center
Mid
Edge
Temperature (C)
180
170
160
150
140
130
120
110
100
0
2000
4000
6000
8000
10000
Time (sec)

FIG. 11

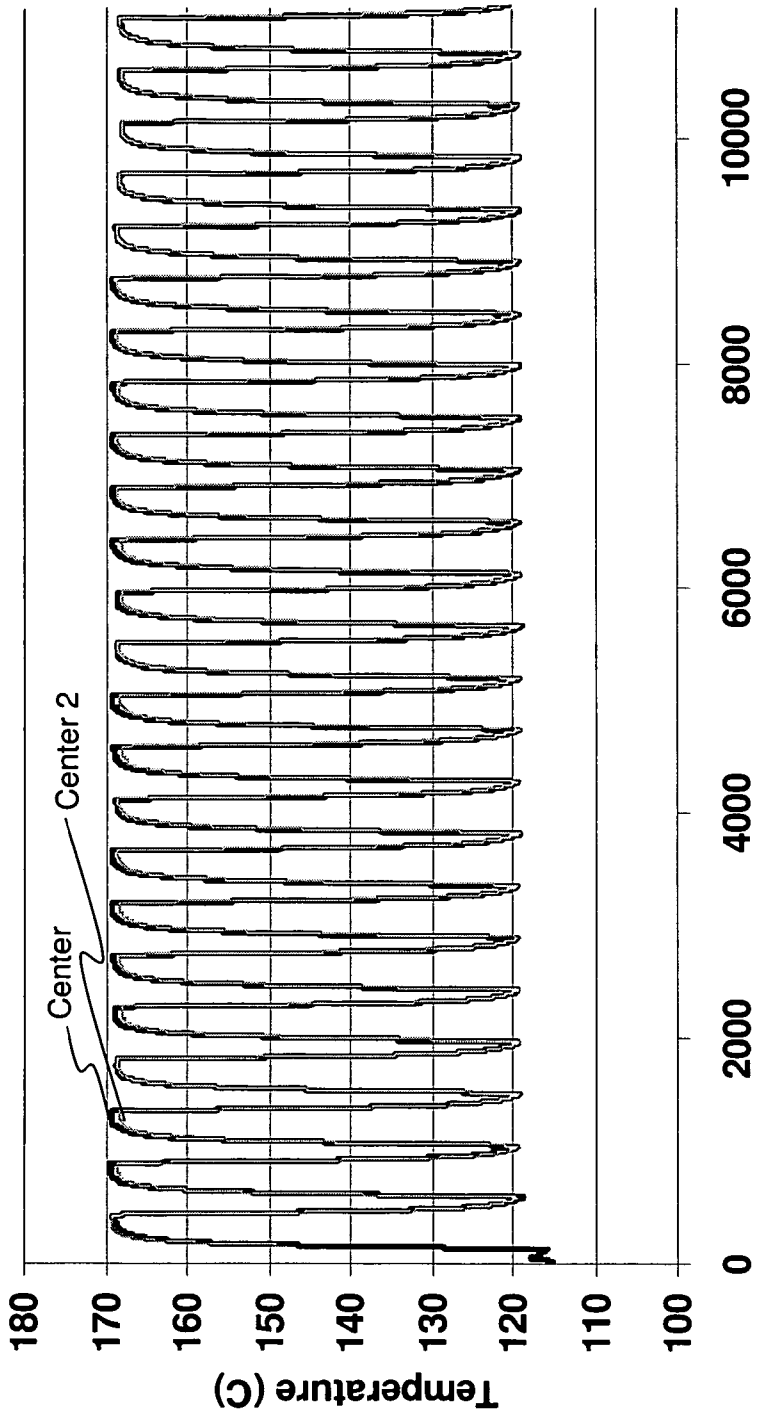
Temperature (C)
180
170
160
150
140
130
120
110
100
0
2000
4000
6000
8000
10000
Time (sec)
Center
Center 2

FIG. 12