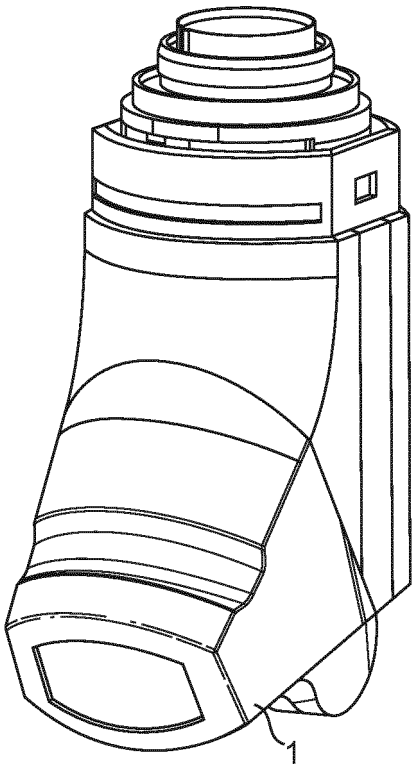


FIG. 1

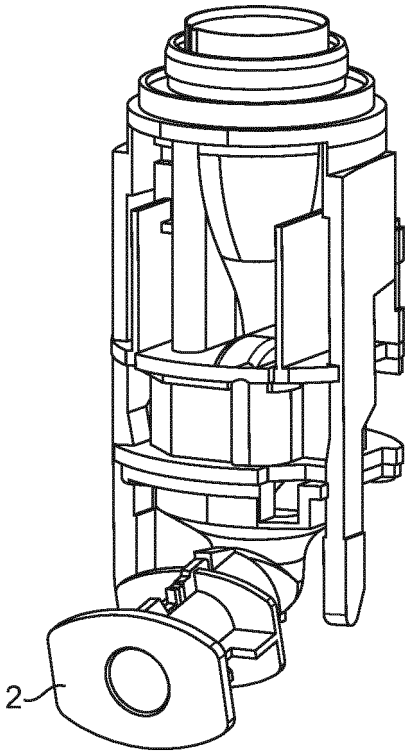


FIG. 2

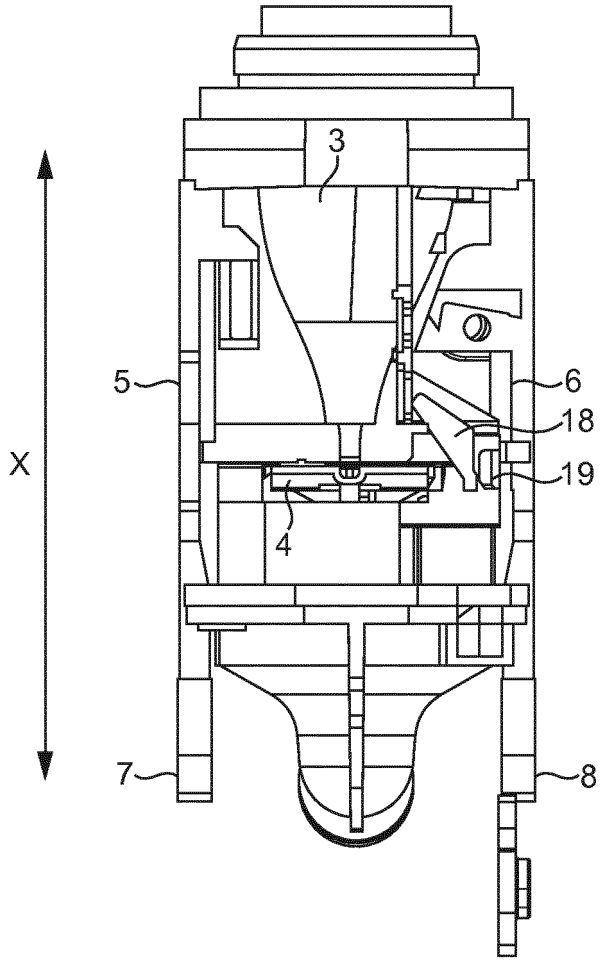


FIG. 3

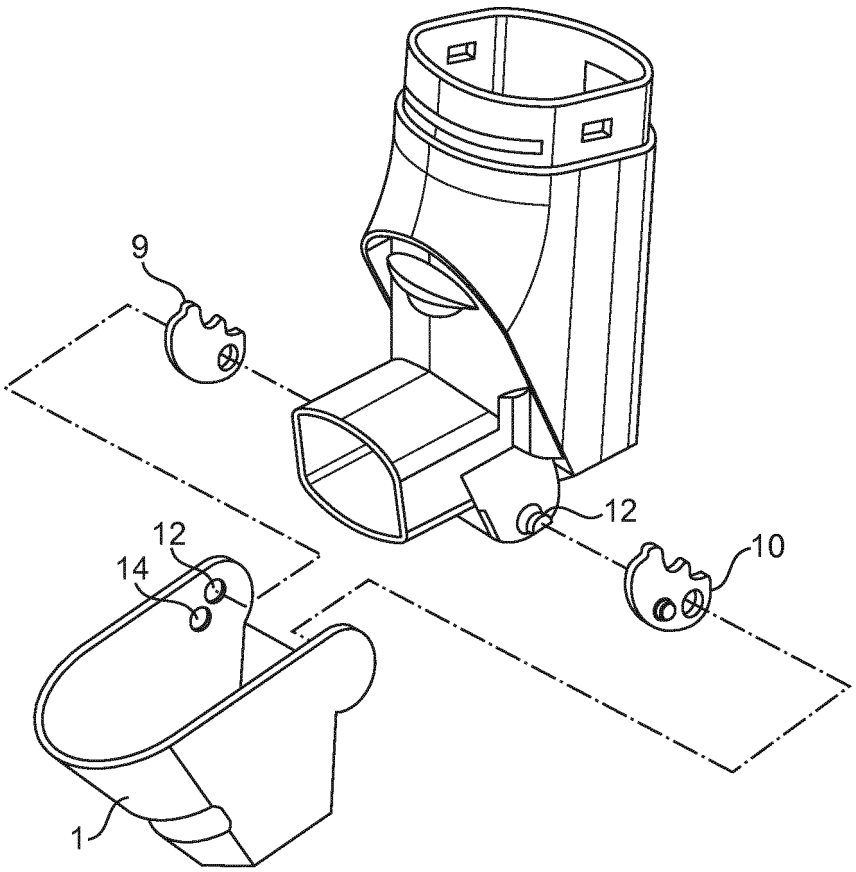


FIG. 4

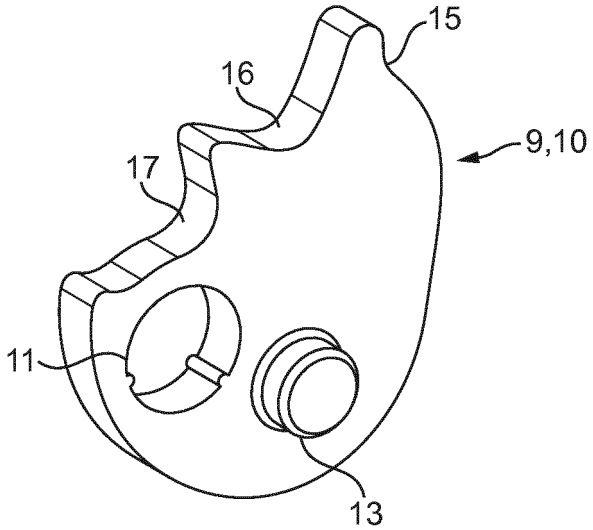


FIG. 5

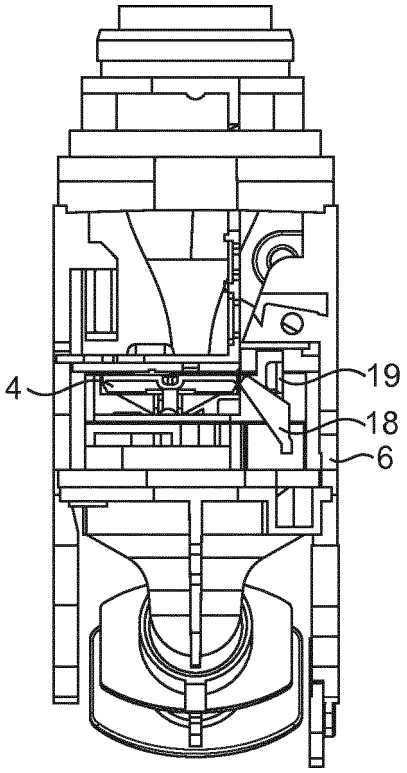


FIG. 6

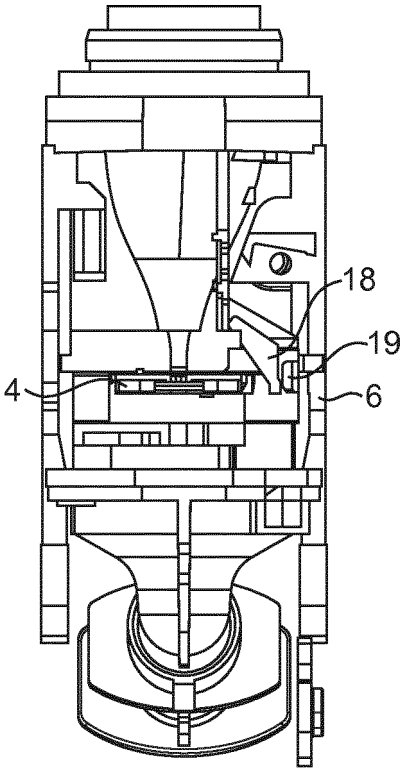


FIG. 8

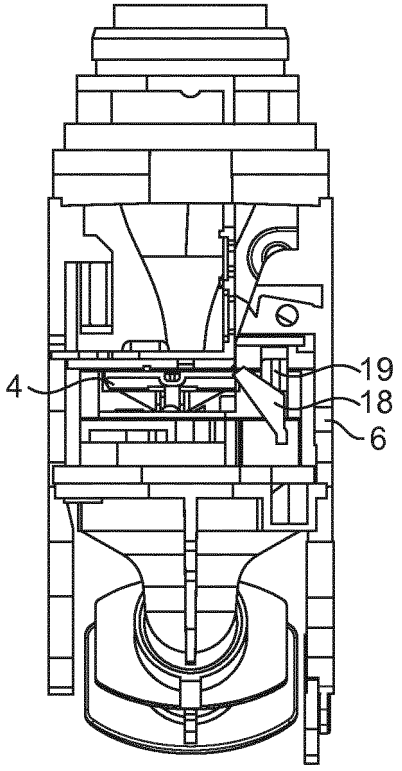
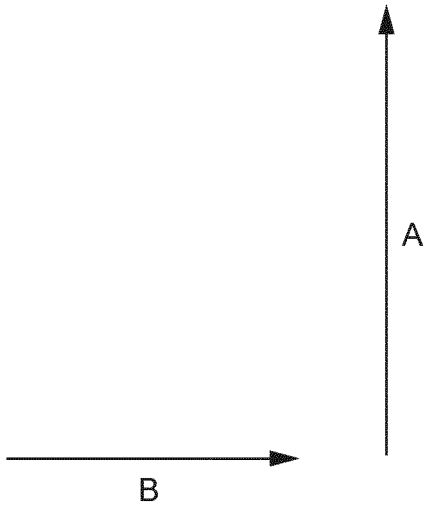


FIG. 7



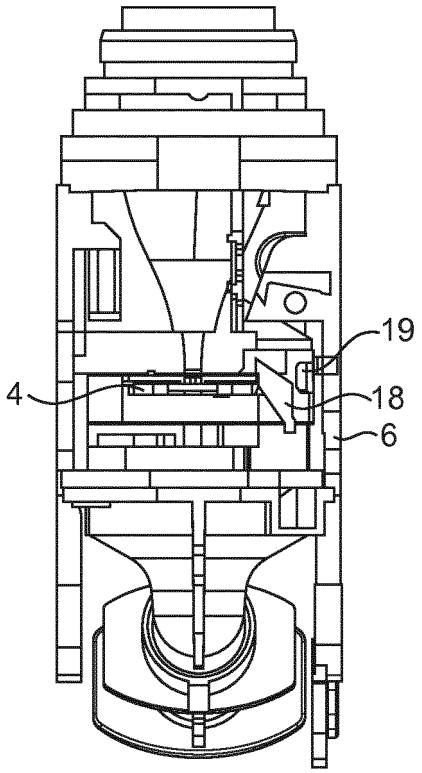


FIG. 9

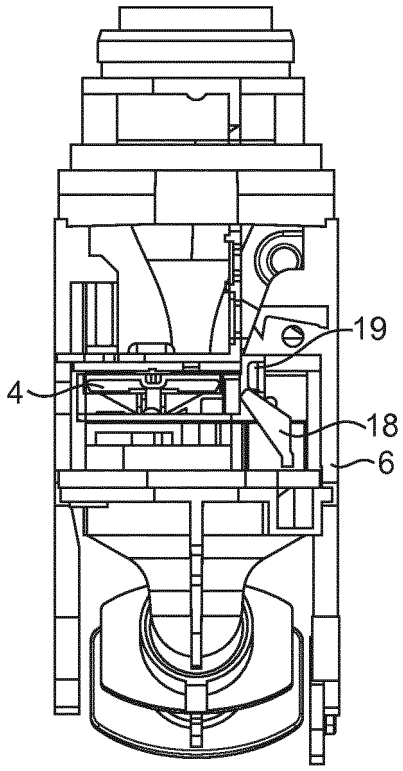


FIG. 11

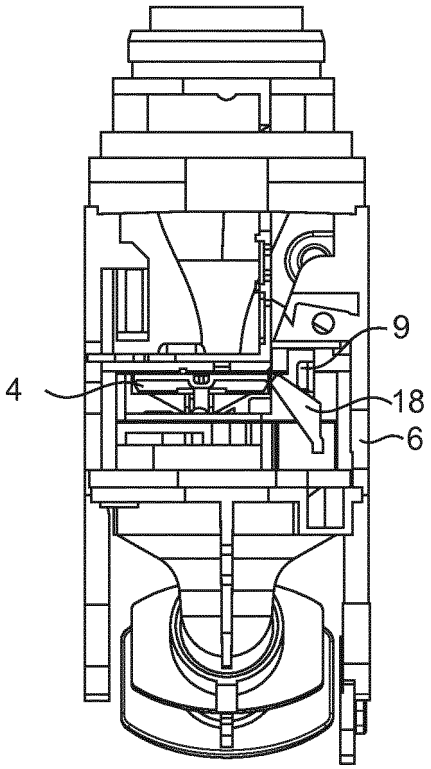
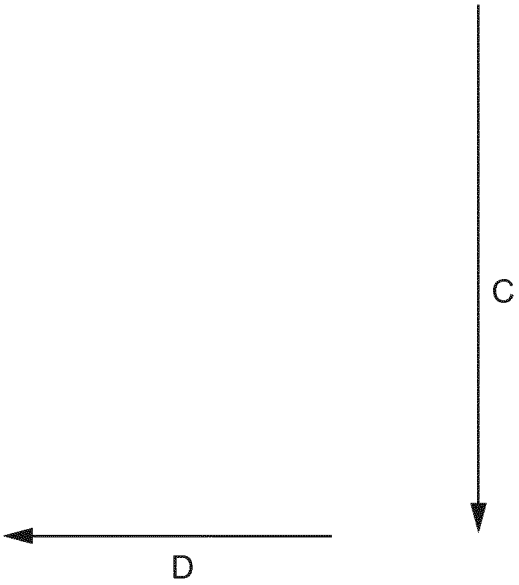


FIG. 10



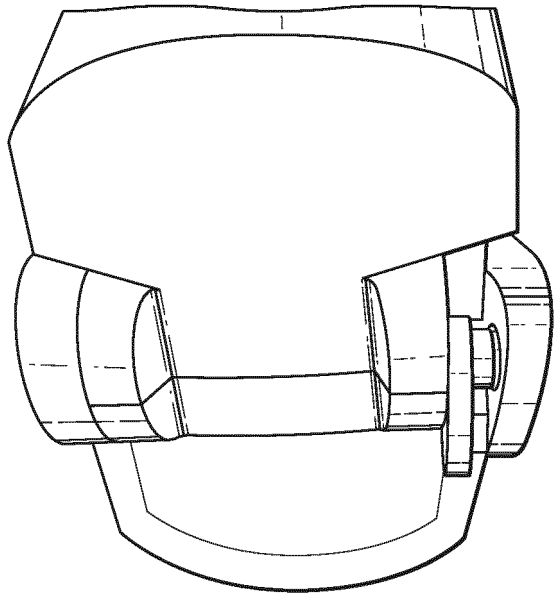


FIG. 12

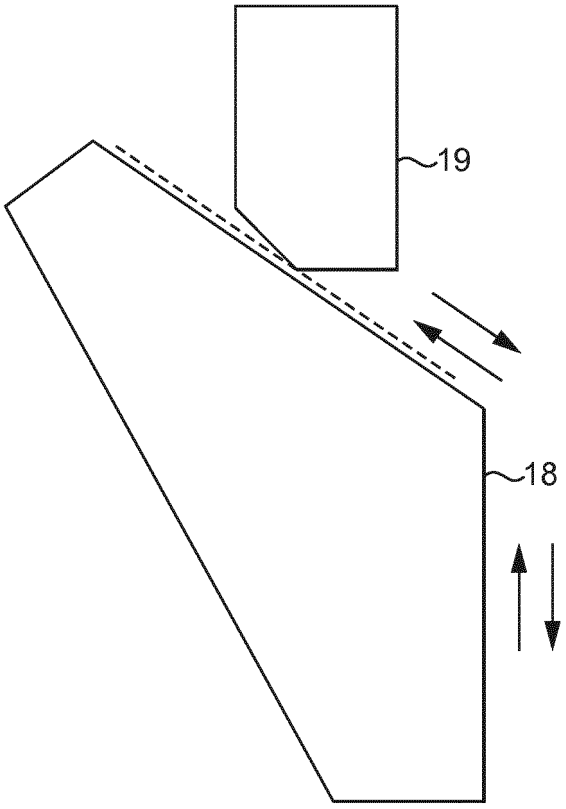


FIG. 13

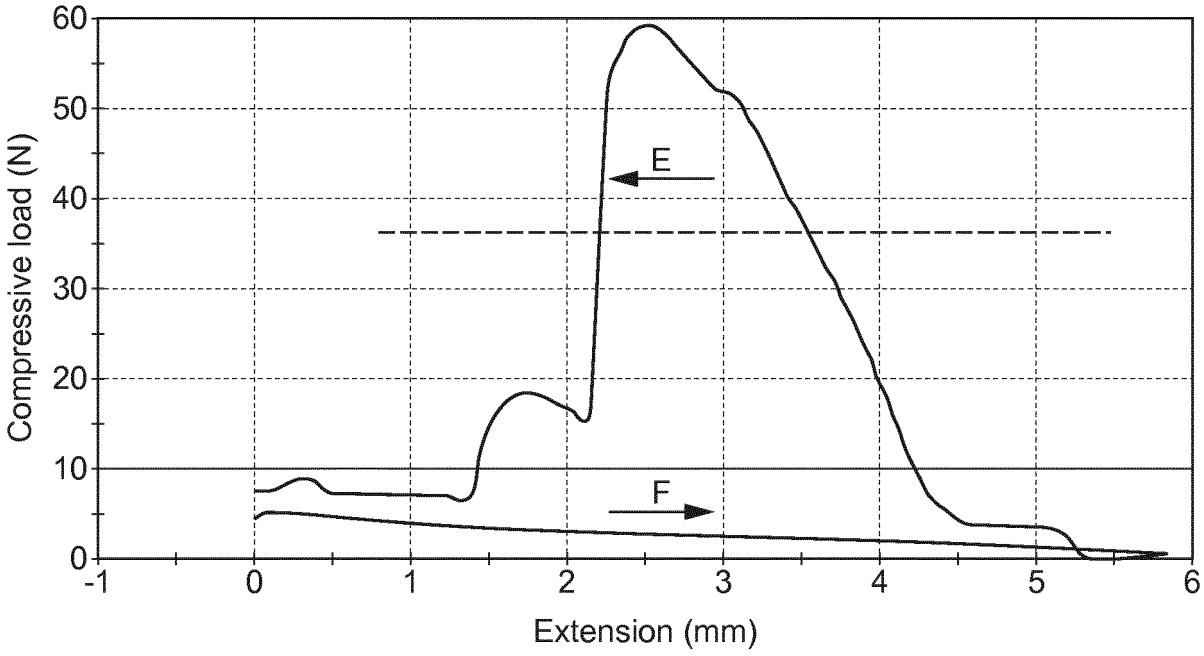

Compressive load (N)
60
50
40
30
20
10
0
-1
0
1
2
3
4
5
6
Extension (mm)
E
F

FIG. 14

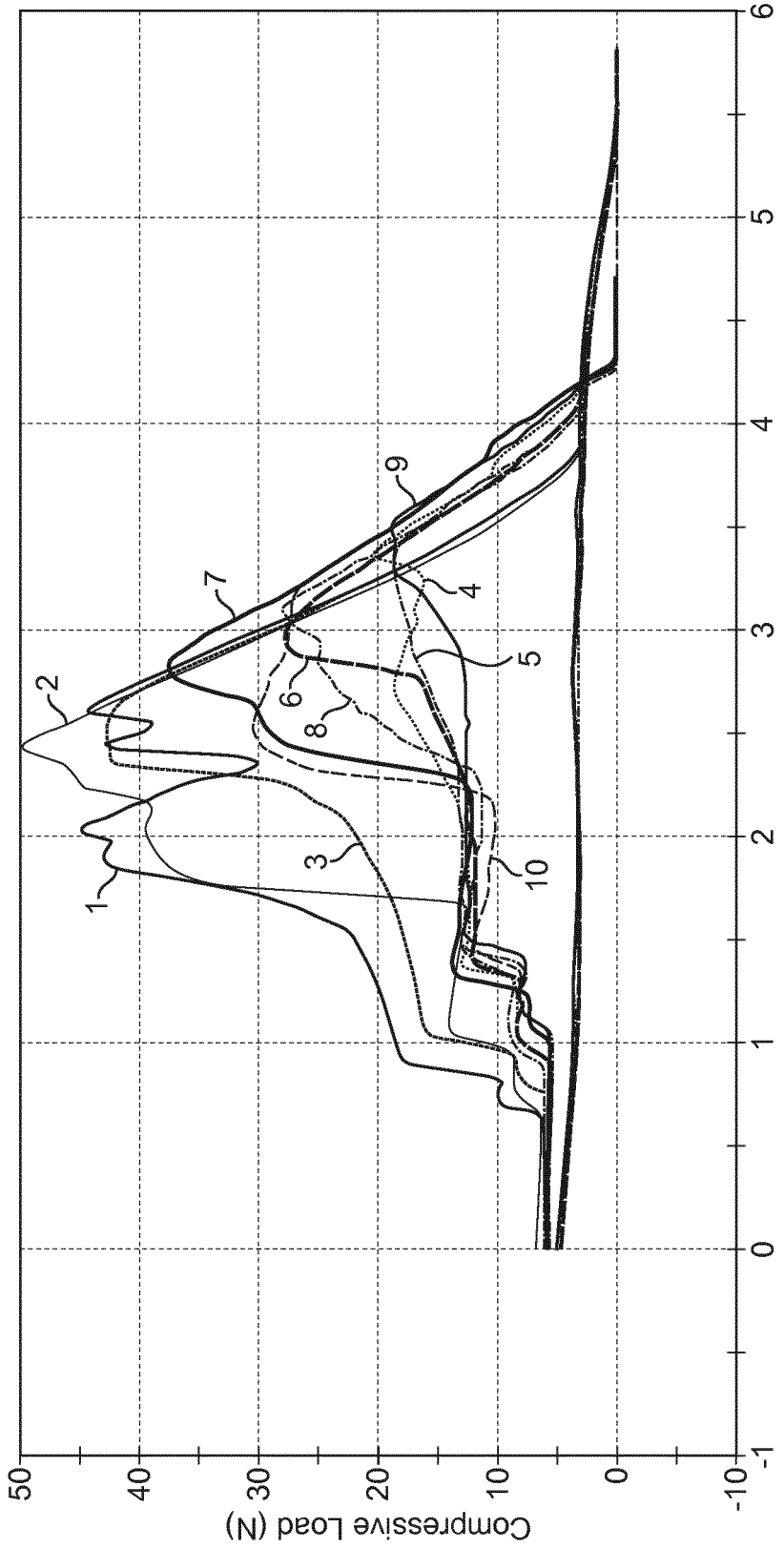

Compressive Load (N)
50
40
30
20
10
0
-10
-1
0
1
2
3
4
5
6
Extension (mm)
1
2
3
4
5
6
7
8
9
10

FIG. 15

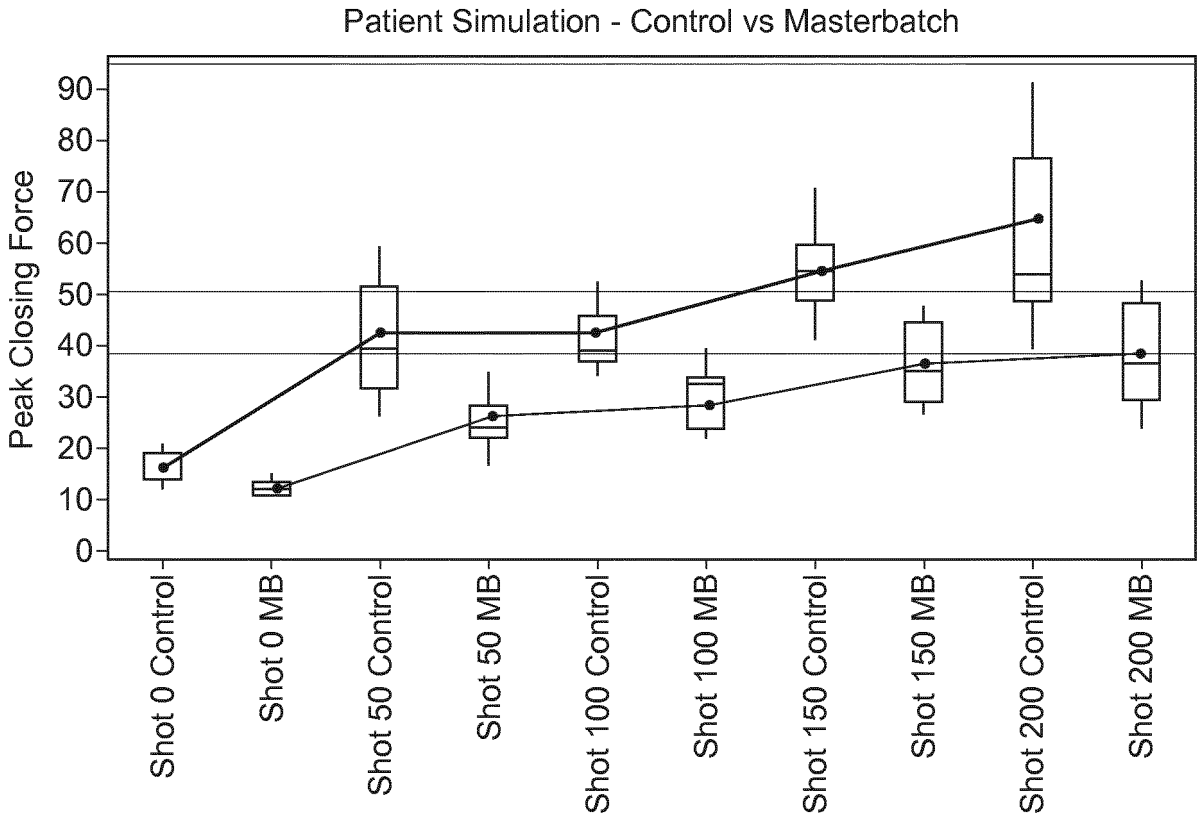

Patient Simulation - Control vs Masterbatch
Peak Closing Force
0
10
20
30
40
50
60
70
80
90
Shot 0 Control
Shot 0 MB
Shot 50 Control
Shot 50 MB
Shot 100 Control
Shot 100 MB
Shot 150 Control
Shot 150 MB
Shot 200 Control
Shot 200 MB

FIG. 16

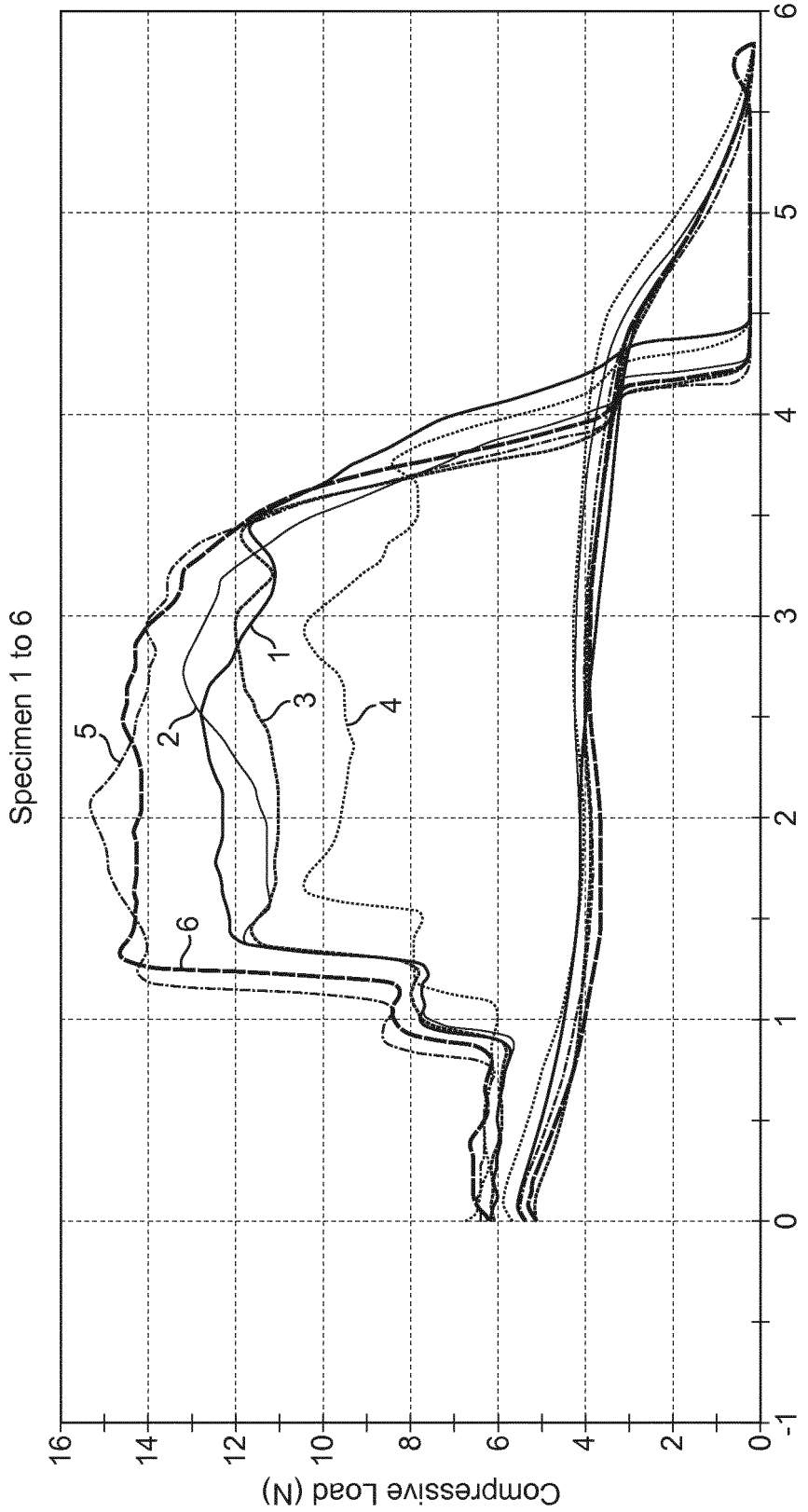

Specimen 1 to 6
Compressive Load (N)
Extension (mm)
16
14
12
10
8
6
4
2
0
-1
0
1
2
3
4
5
6
1
2
3
4
5
6

FIG. 17

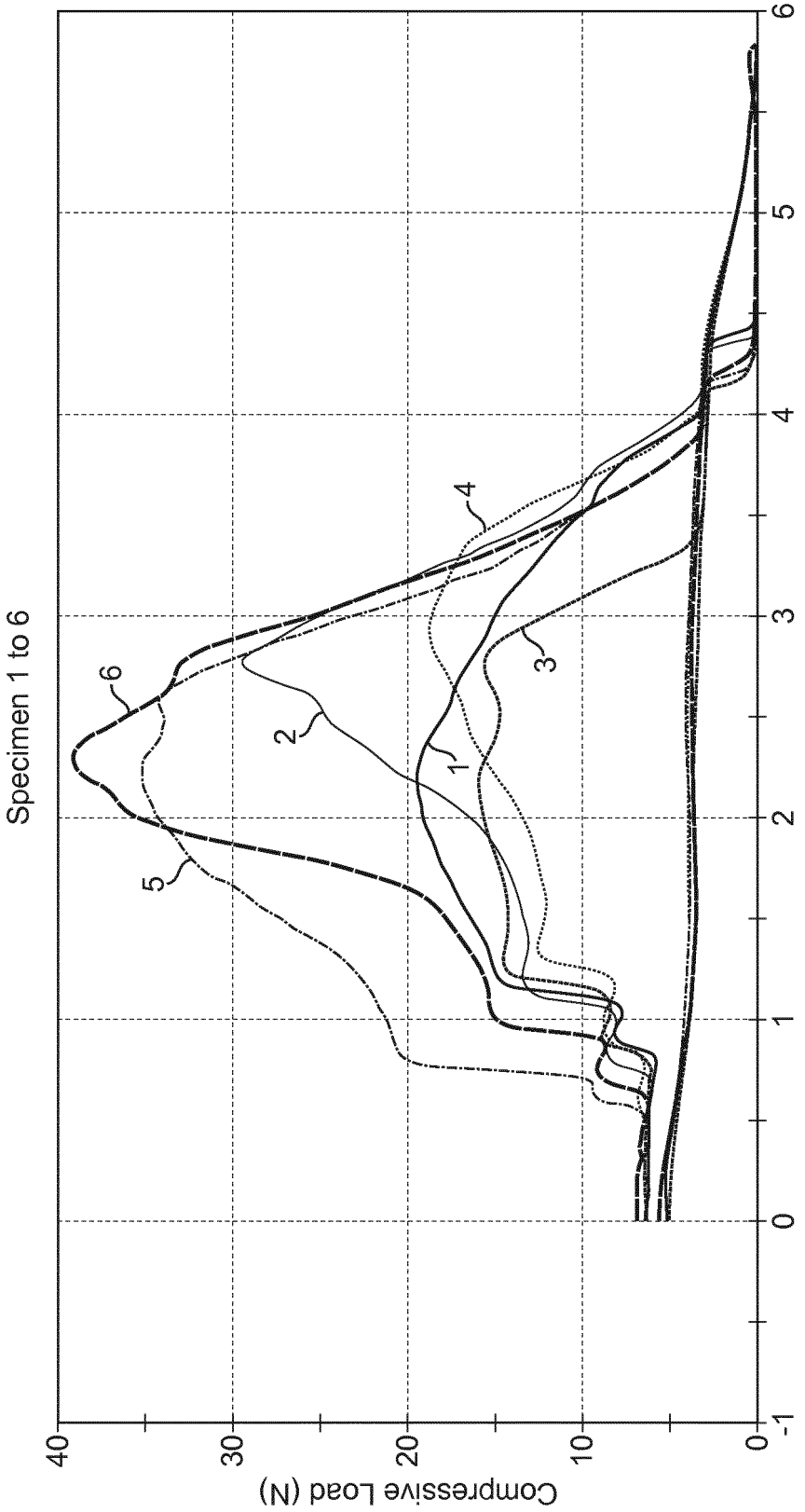

Specimen 1 to 6
Compressive Load (N)
Extension (mm)
40
30
20
10
0
-1
0
1
2
3
4
5
6
1
2
3
4
5
6

FIG. 18

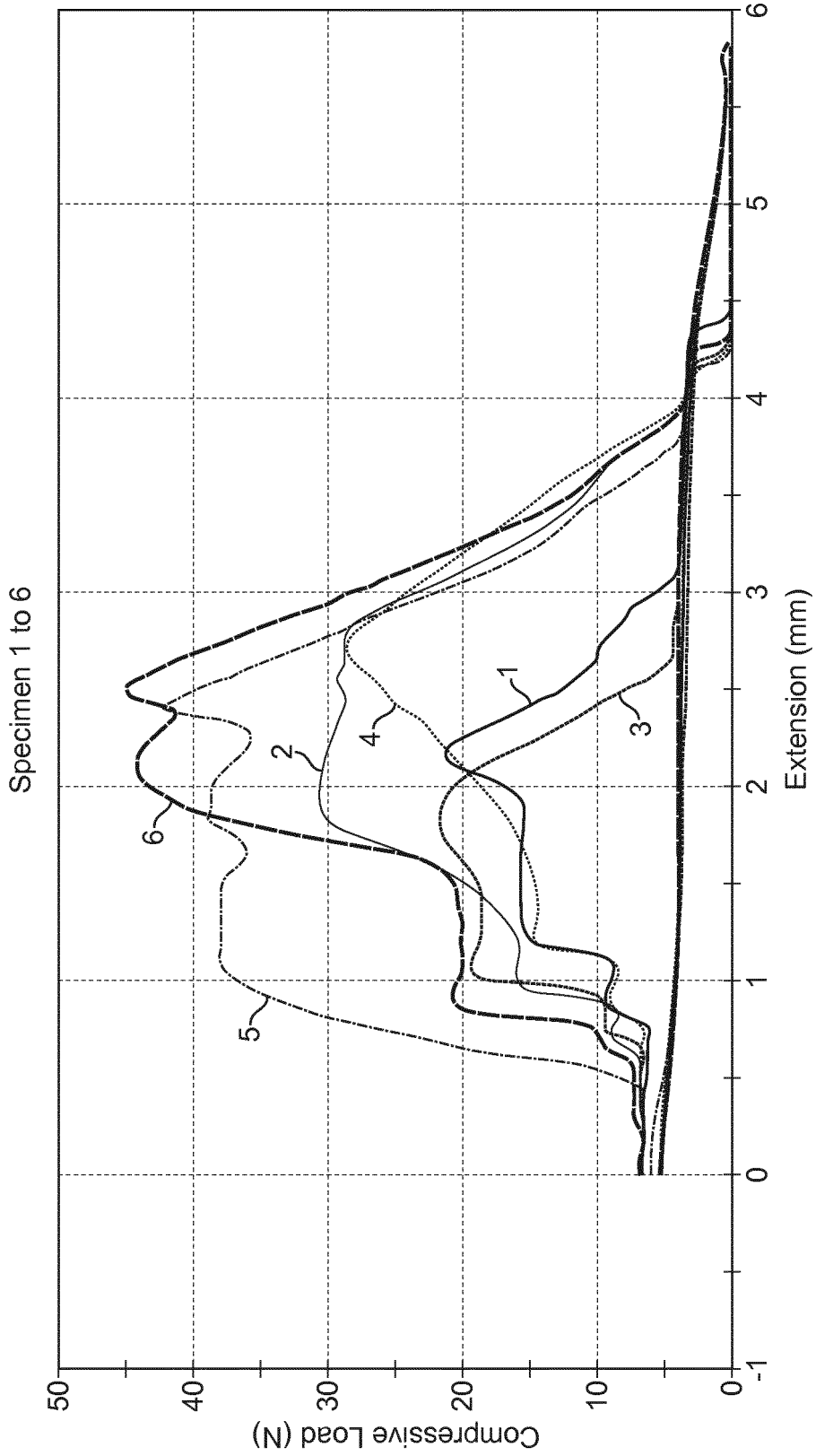

Specimen 1 to 6
Compressive Load (N)
Extension (mm)
50
40
30
20
10
0
-1
0
1
2
3
4
5
6
1
2
3
4
5
6

FIG. 19