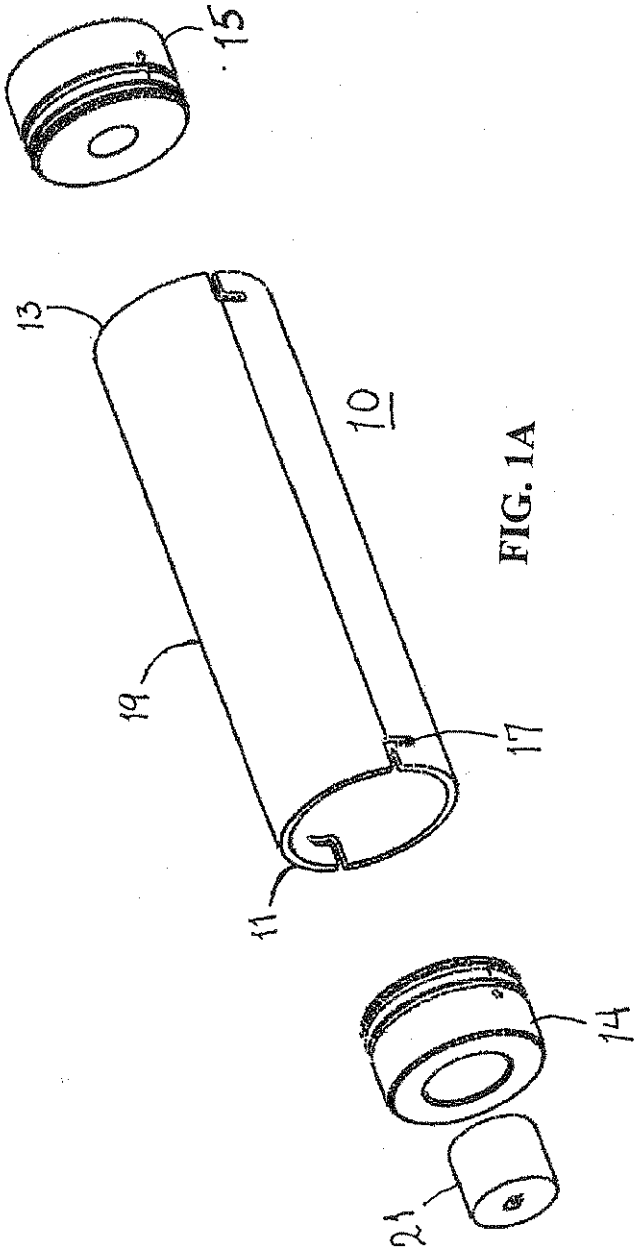


FIG. 1A

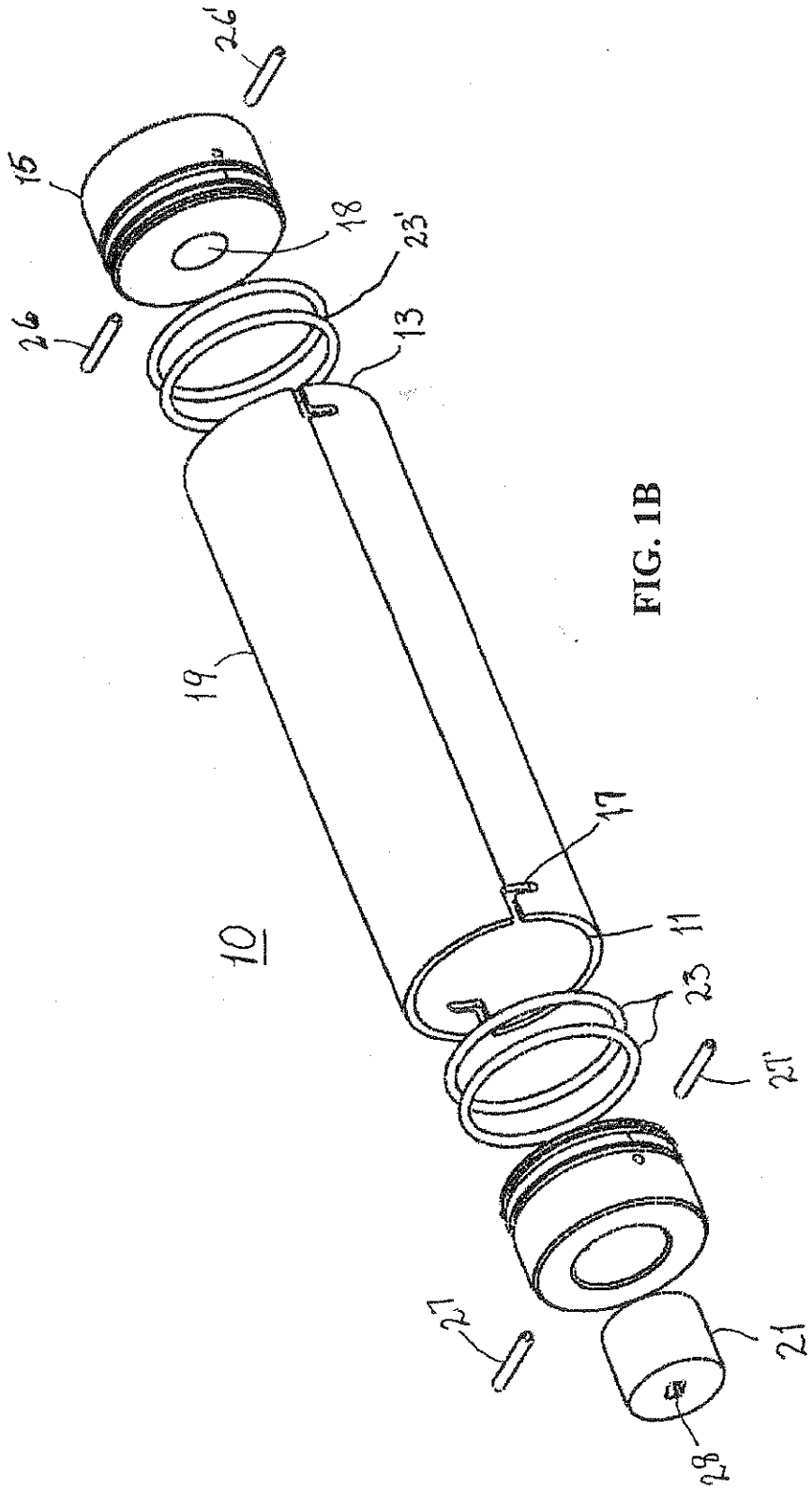


FIG. 1B

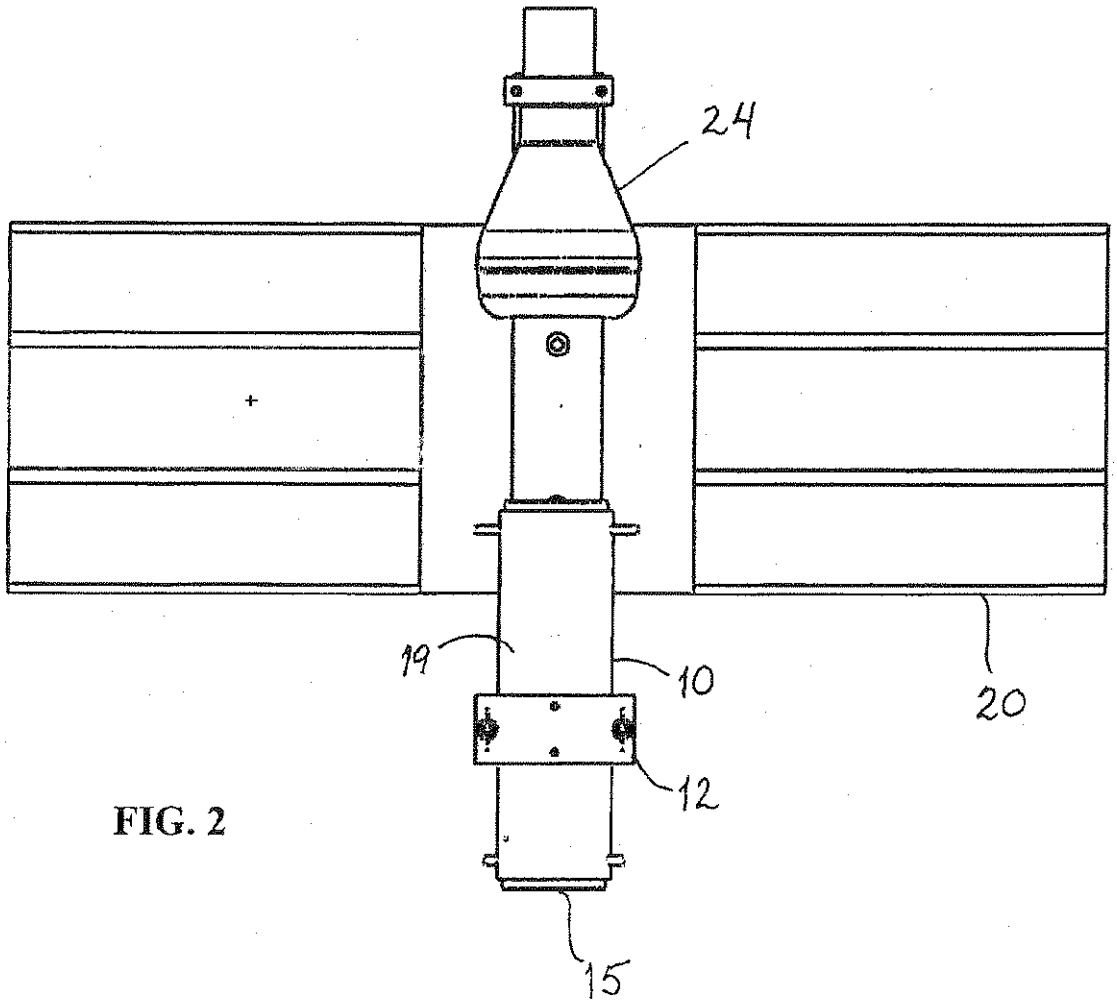


FIG. 2

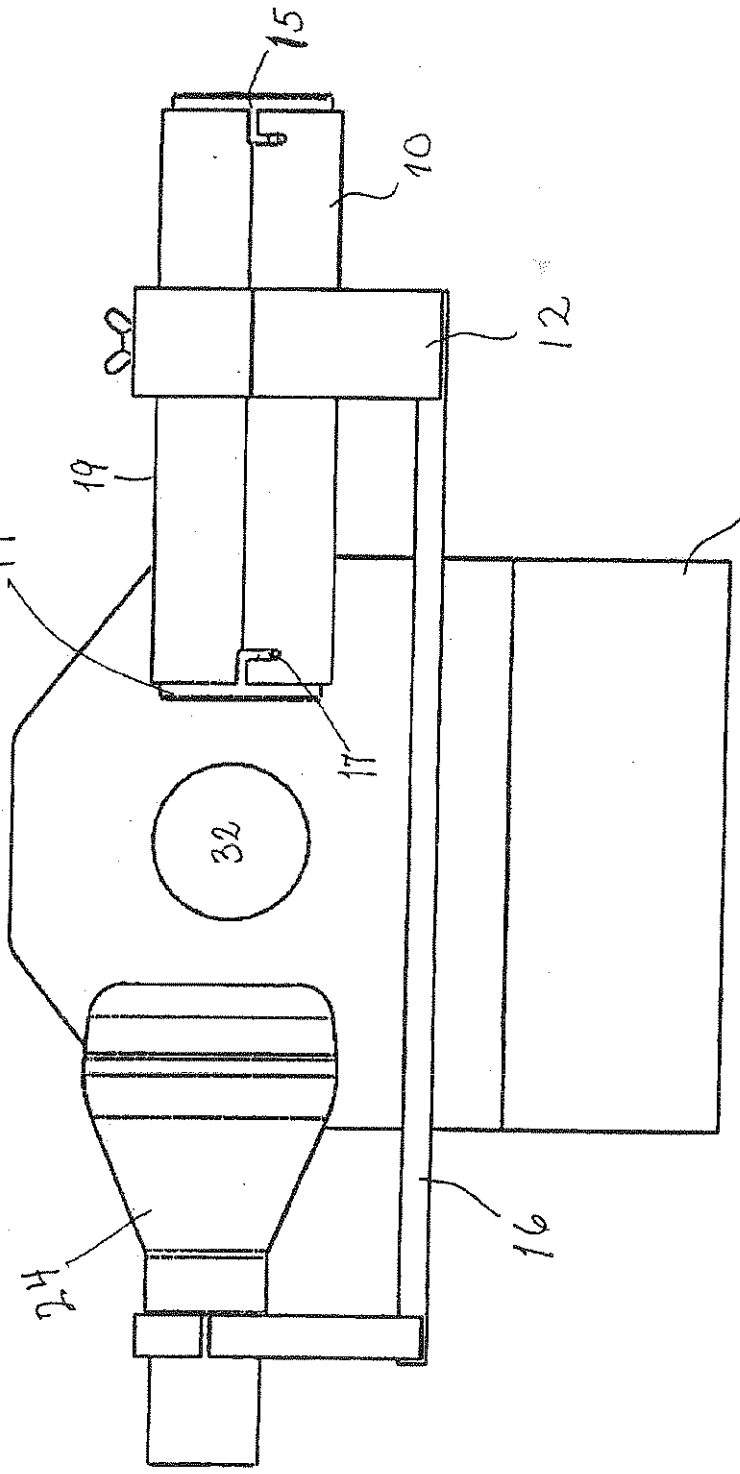


FIG. 3

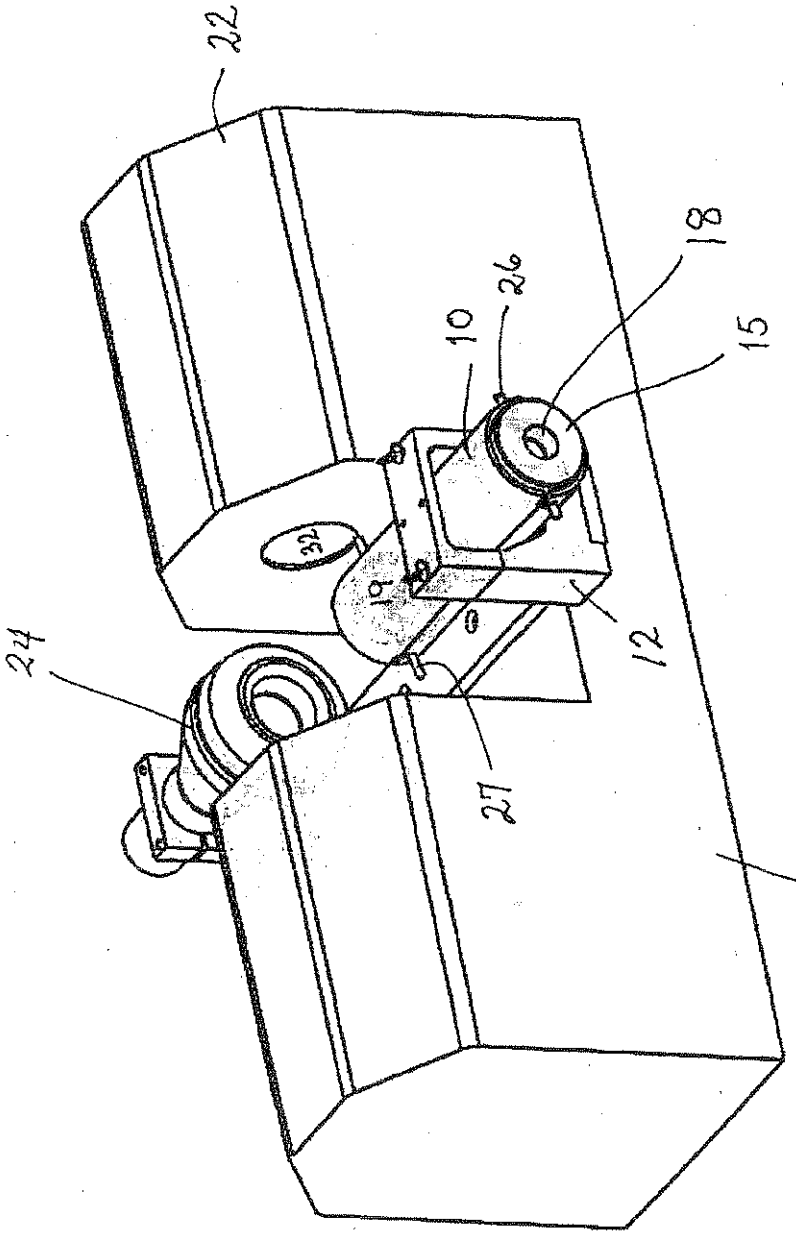


FIG. 4

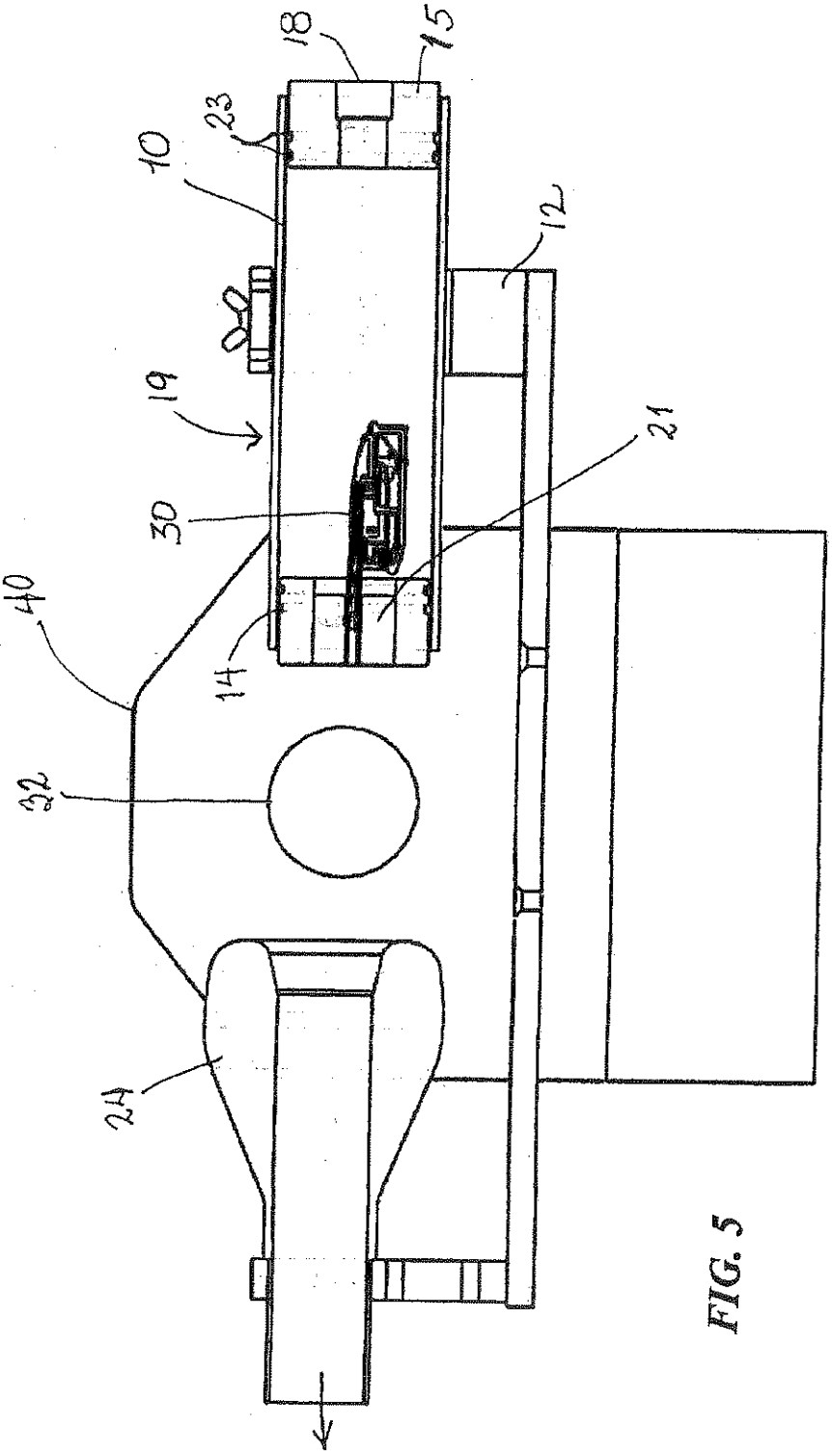


FIG. 5

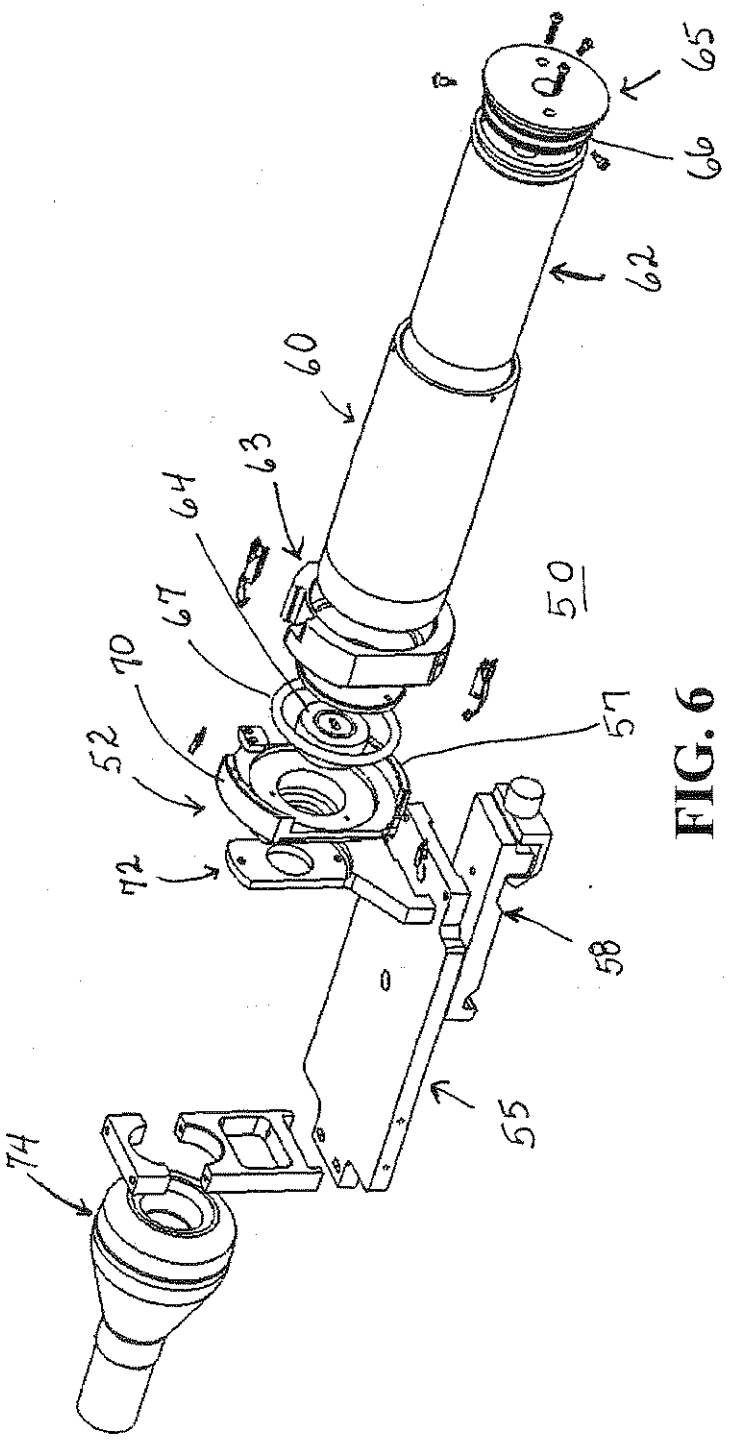


FIG. 6

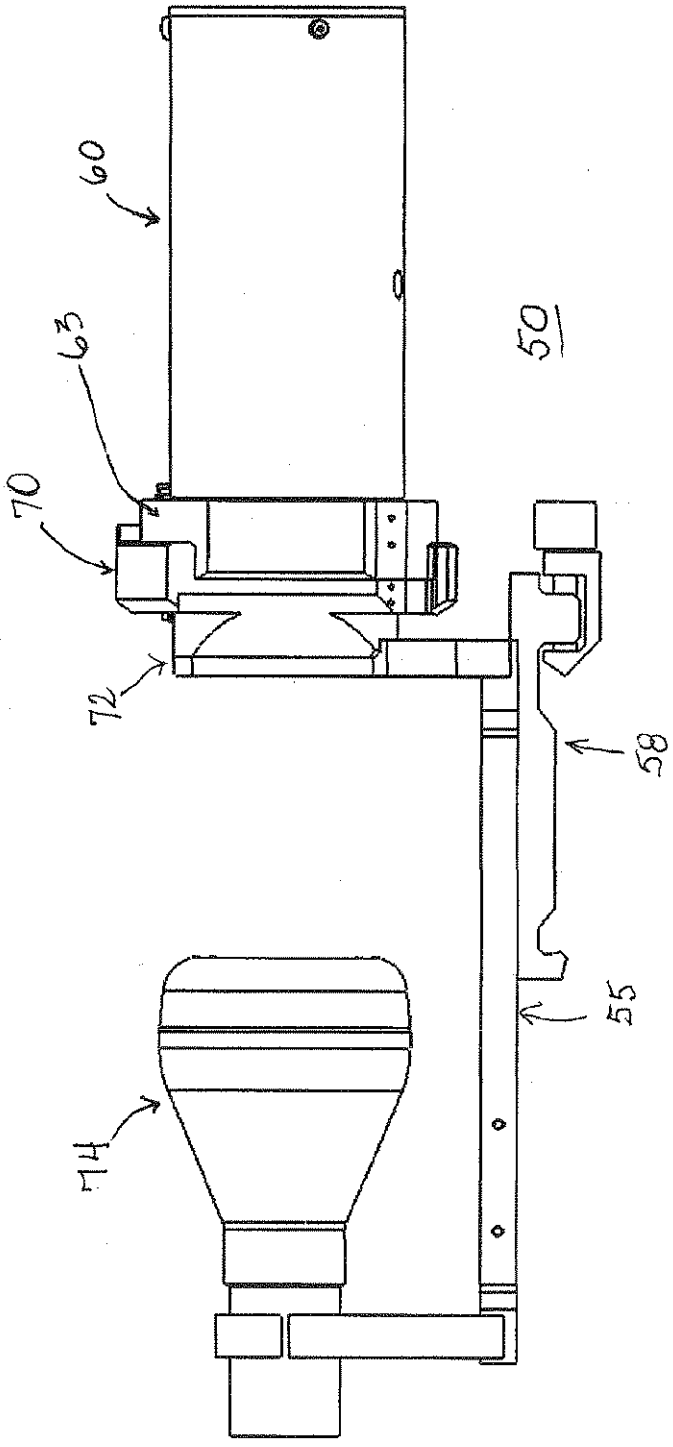


FIG. 7

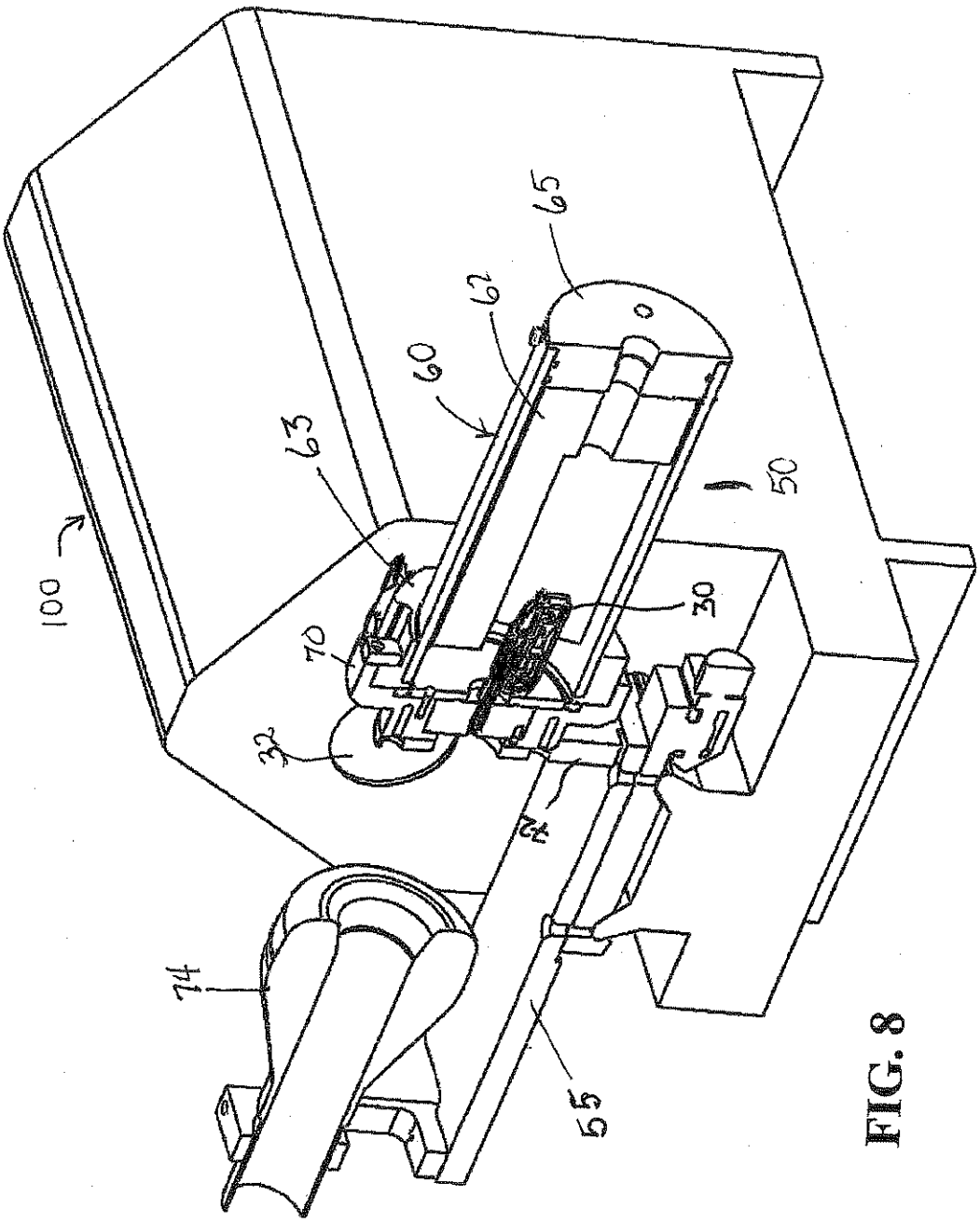


FIG. 8

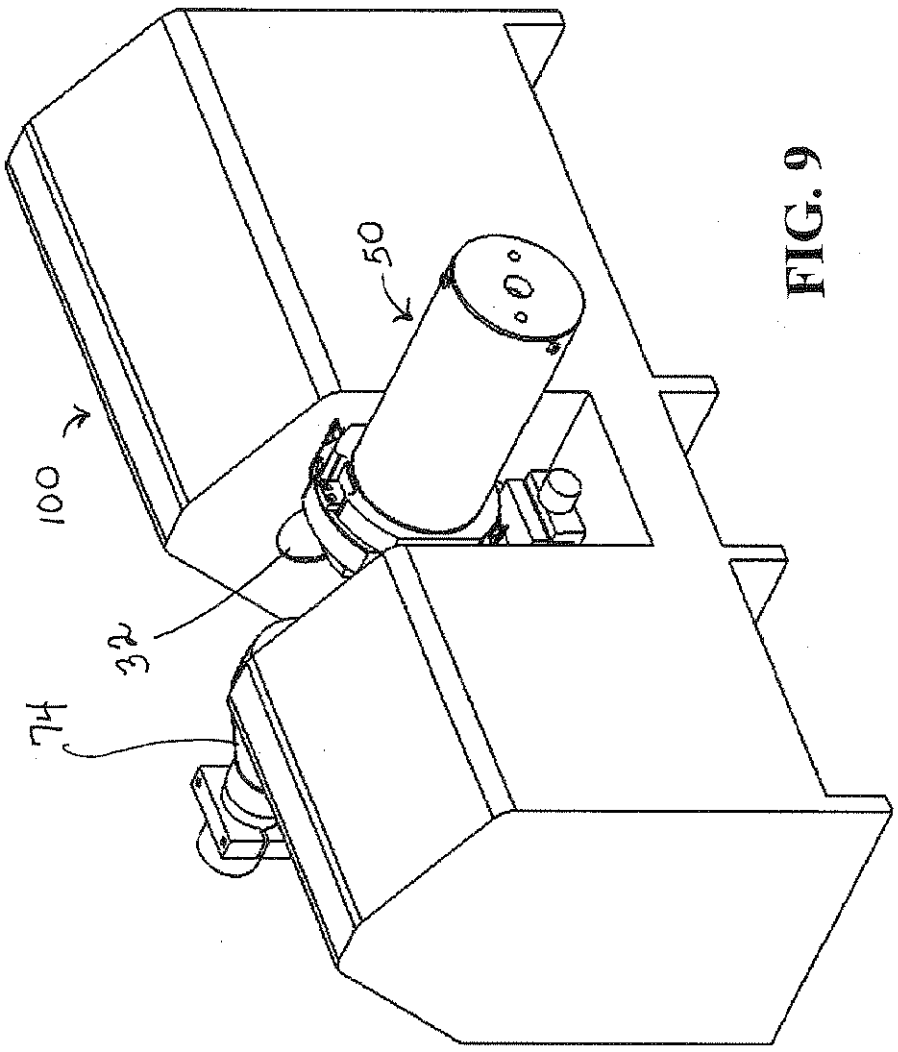


FIG. 9

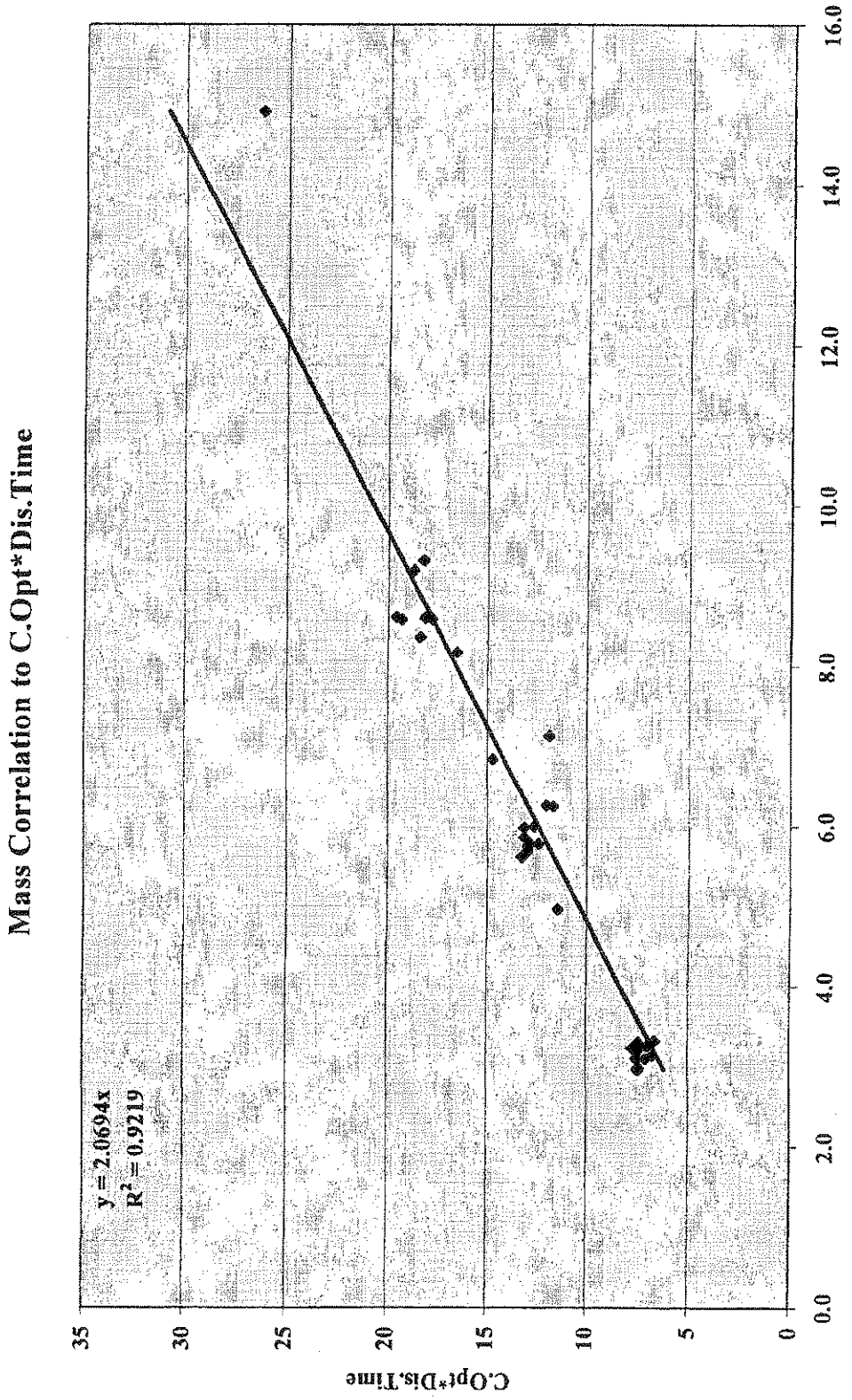

Mass Correlation to C.Opt*Dis.Time
y = 2.0694x
R² = 0.9219
C.Opt*Dis.Time
Discharge Weight, mg
0
5
10
15
20
25
30
35
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0

FIG. 10

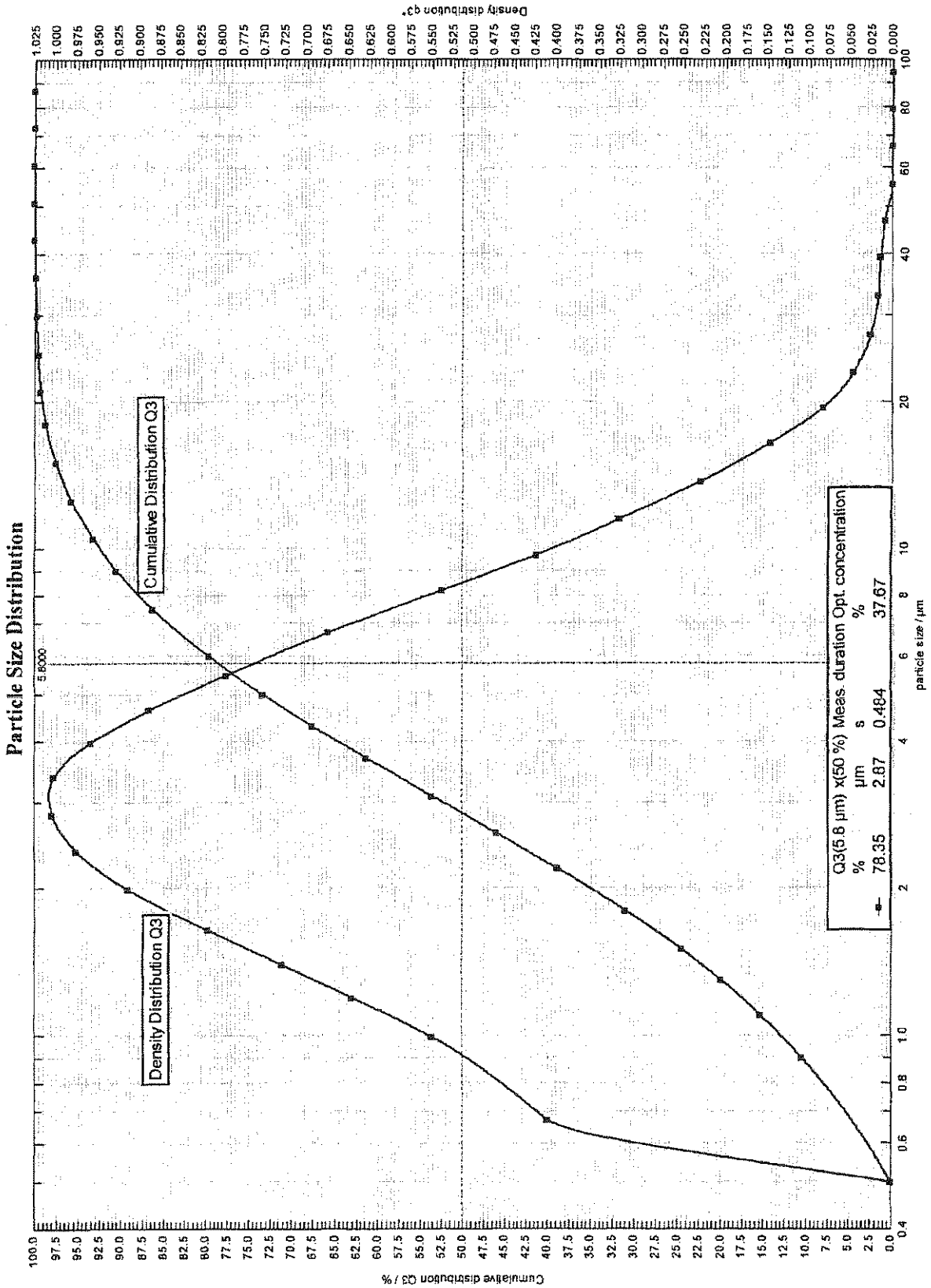

Particle Size Distribution
Cumulative Distribution Q3
Density Distribution Q3
5.8000
Q3(5.8 µm) x(50 %) Meas. duration Opt. concentration
% µm s %
78.35 2.87 0.484 37.67
Cumulative distribution Q3 / %
Density distribution q3*
particle size / µm

FIG. 11