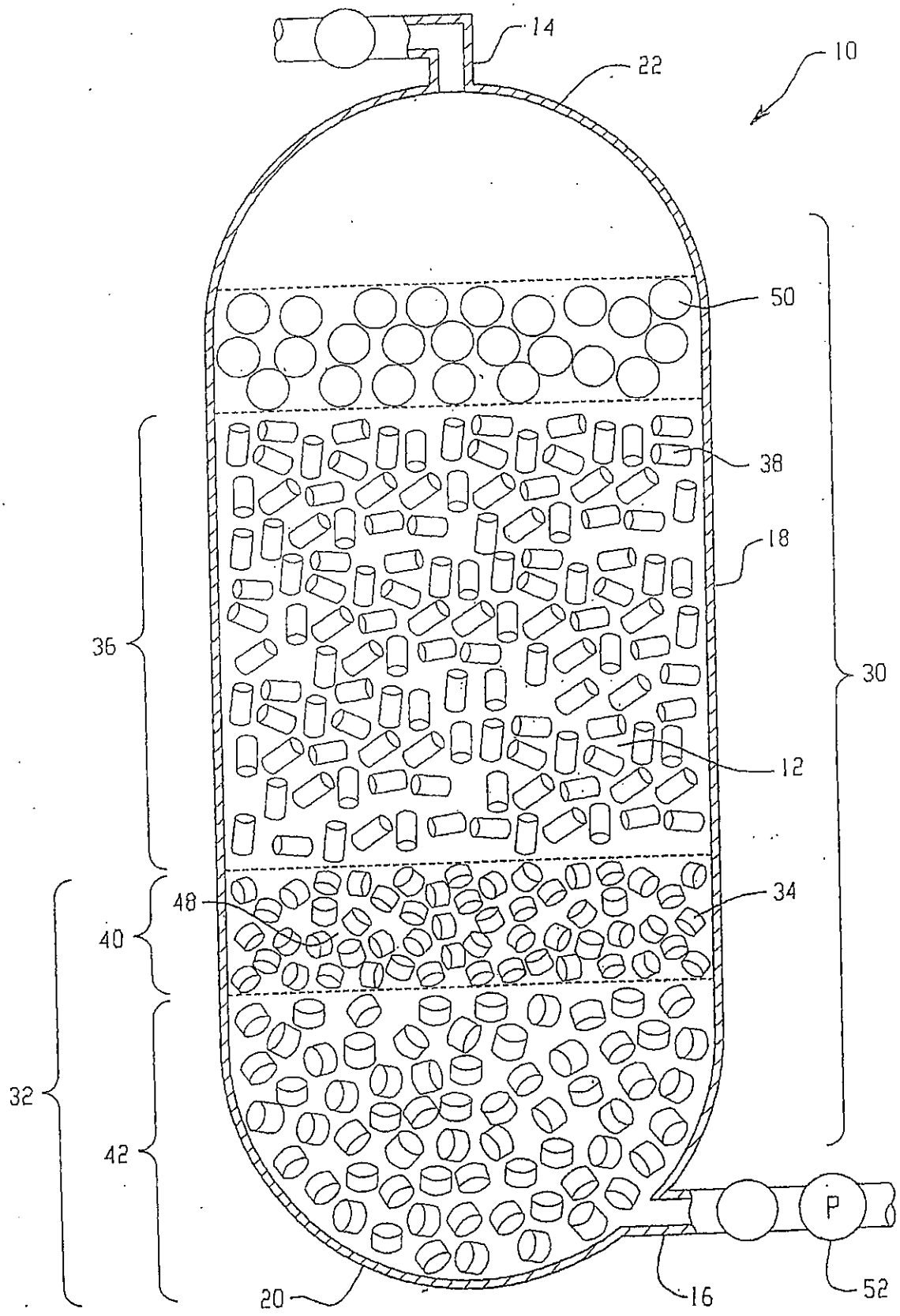


Fig. 1

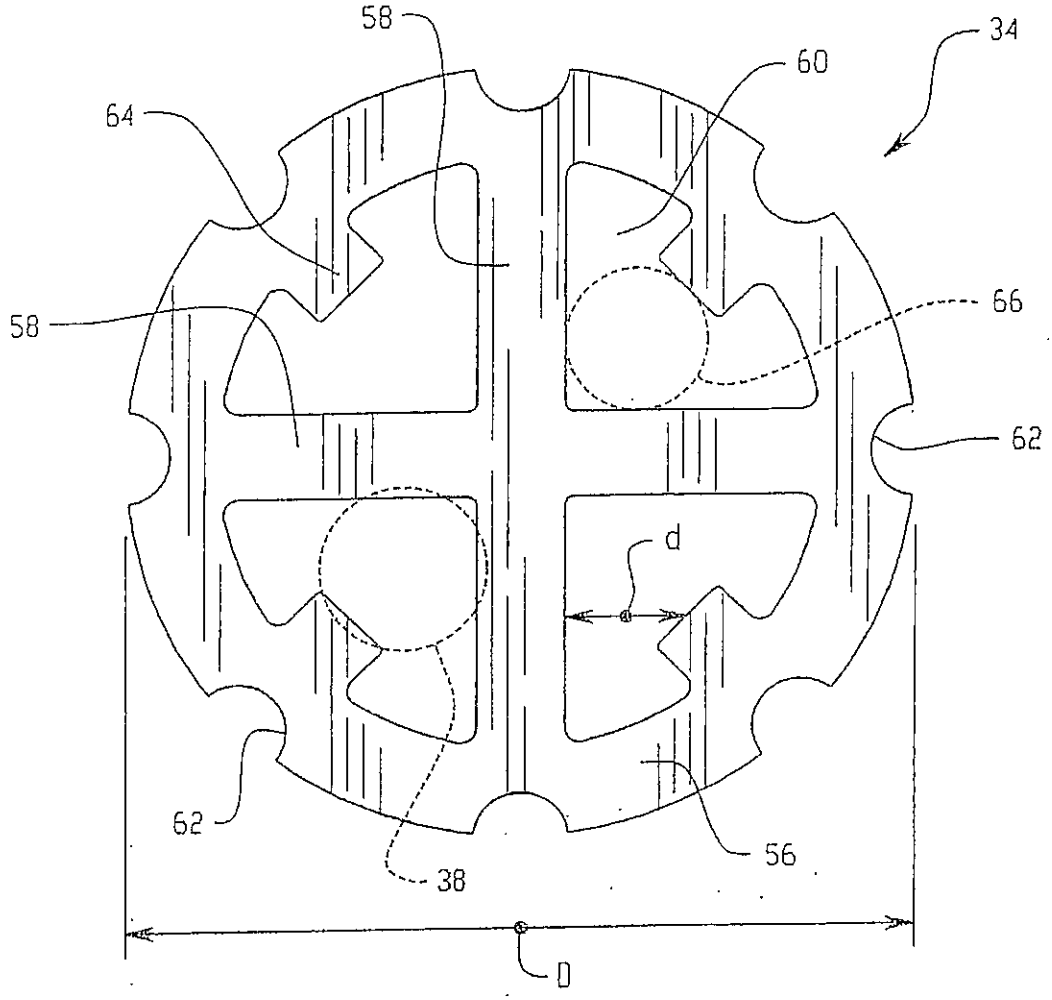


Fig. 2

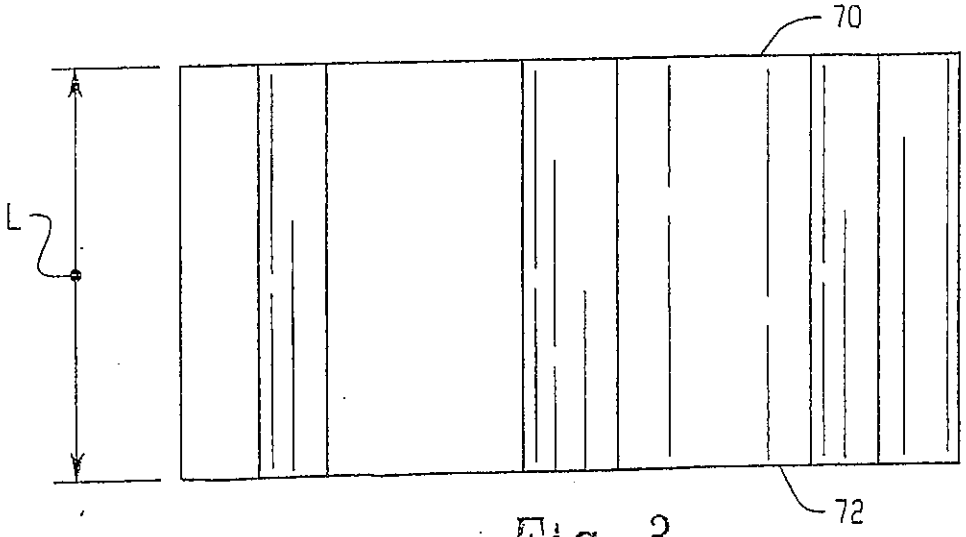


Fig. 3

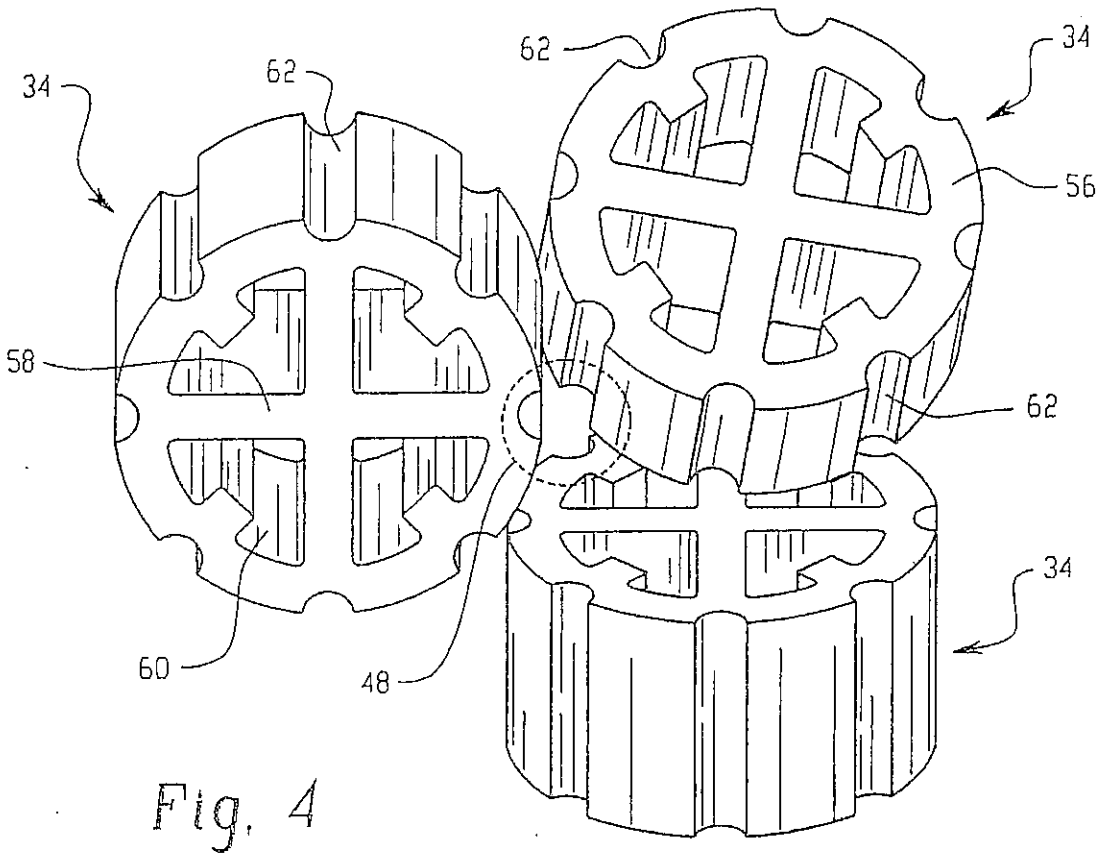


Fig. 4

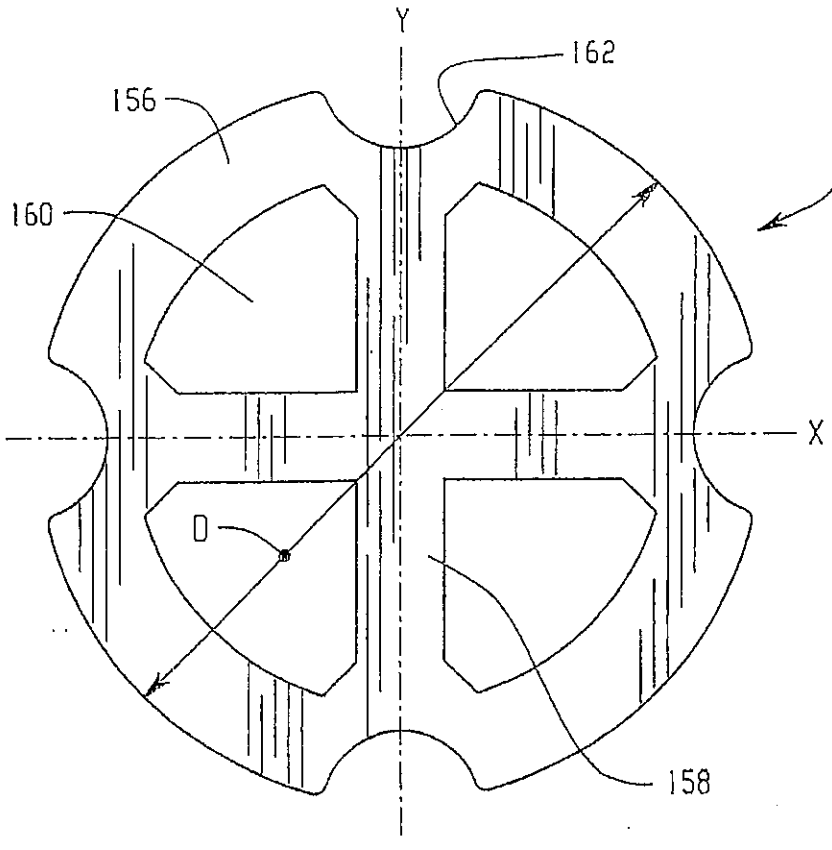


Fig. 5

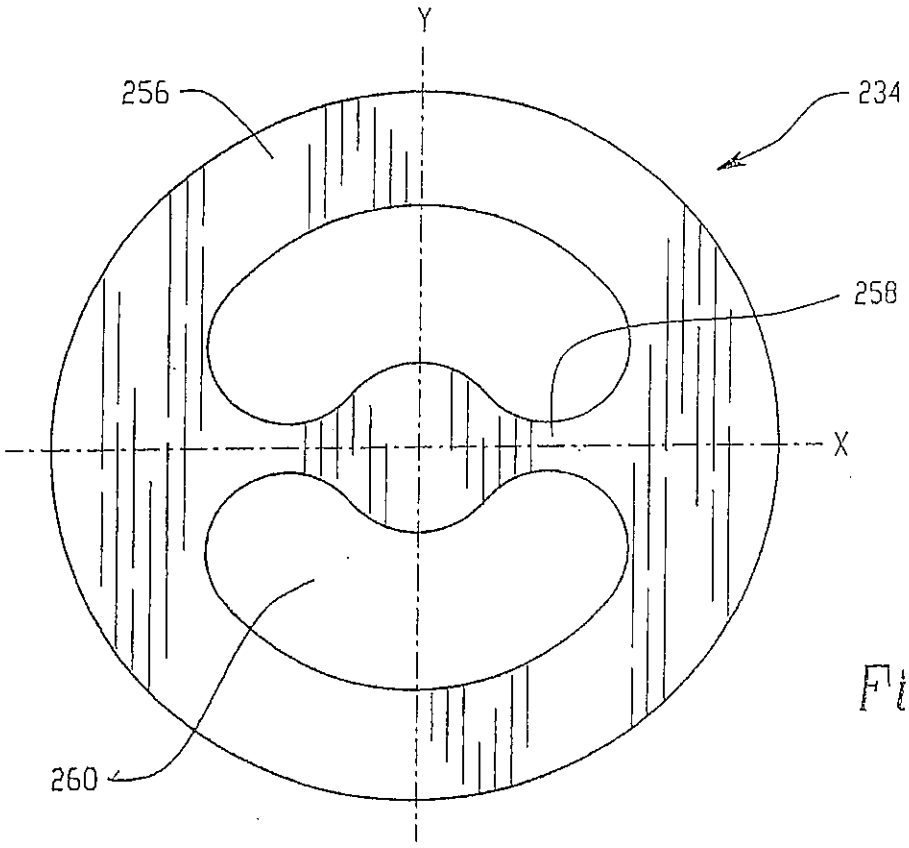


Fig. 6

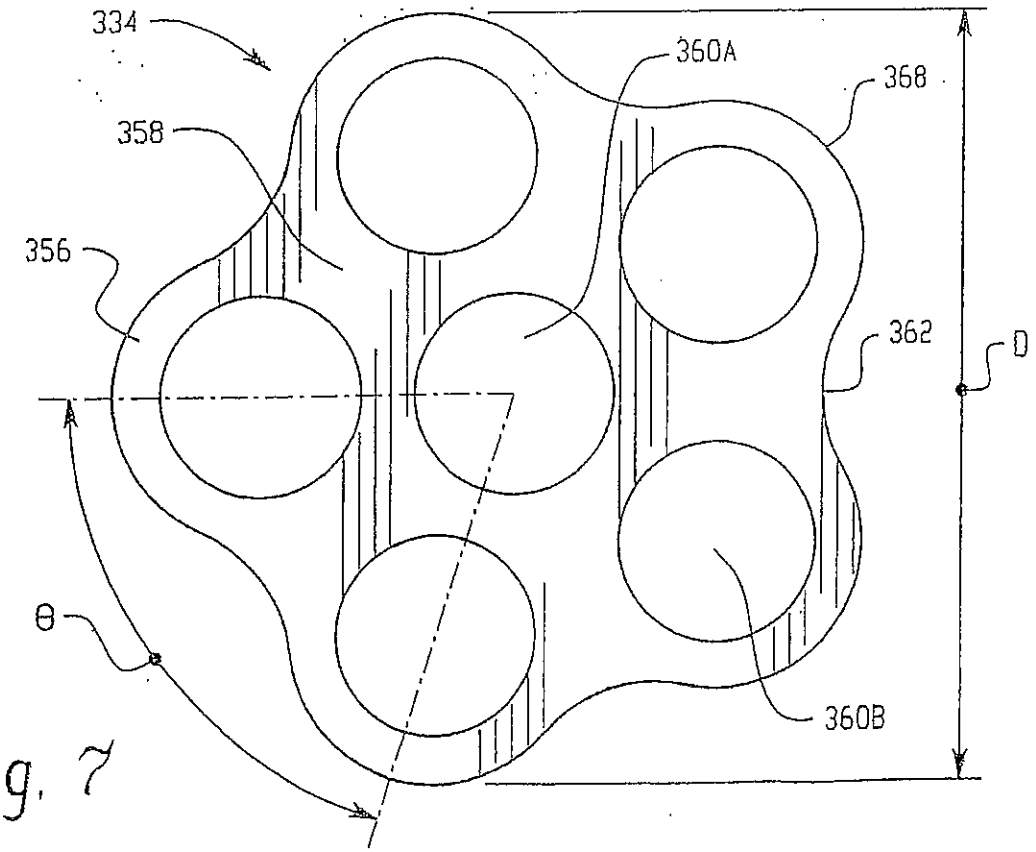


Fig. 7

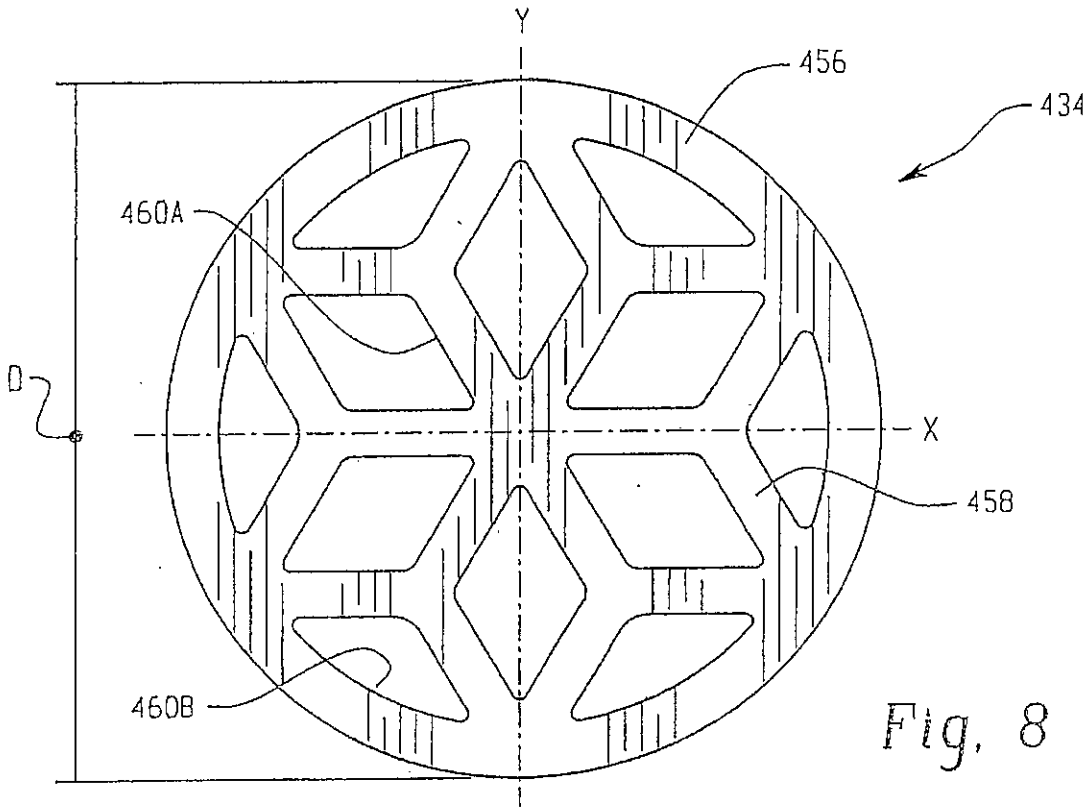


Fig. 8

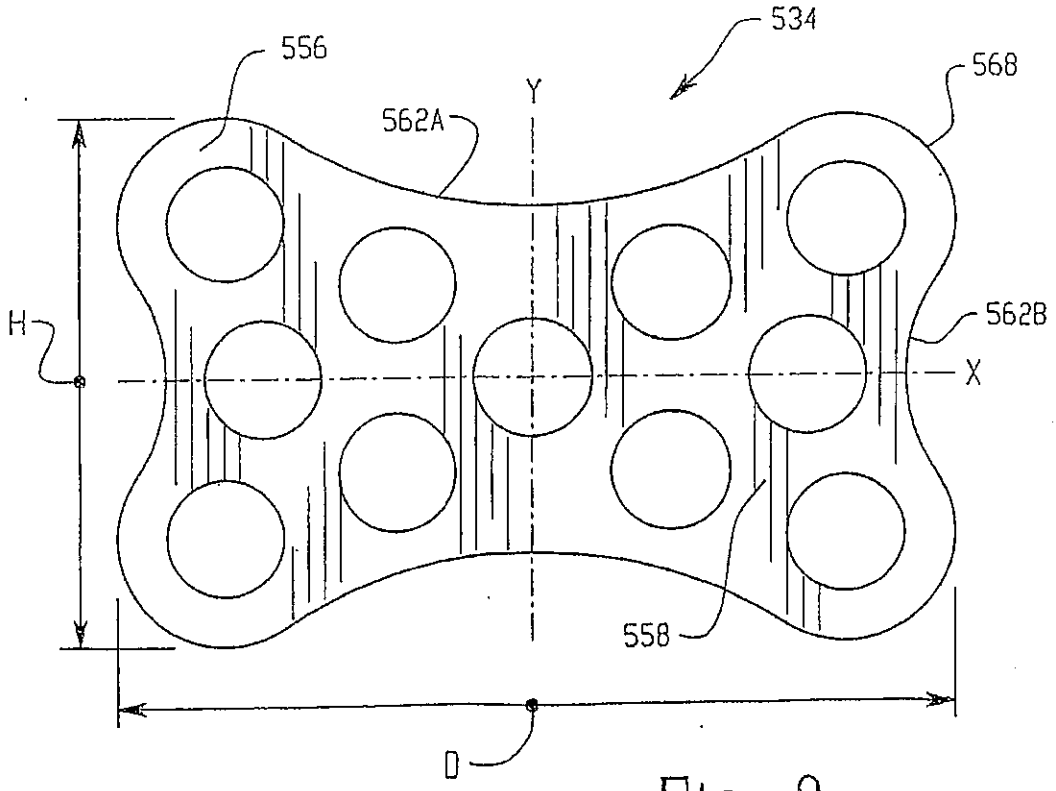


Fig. 9

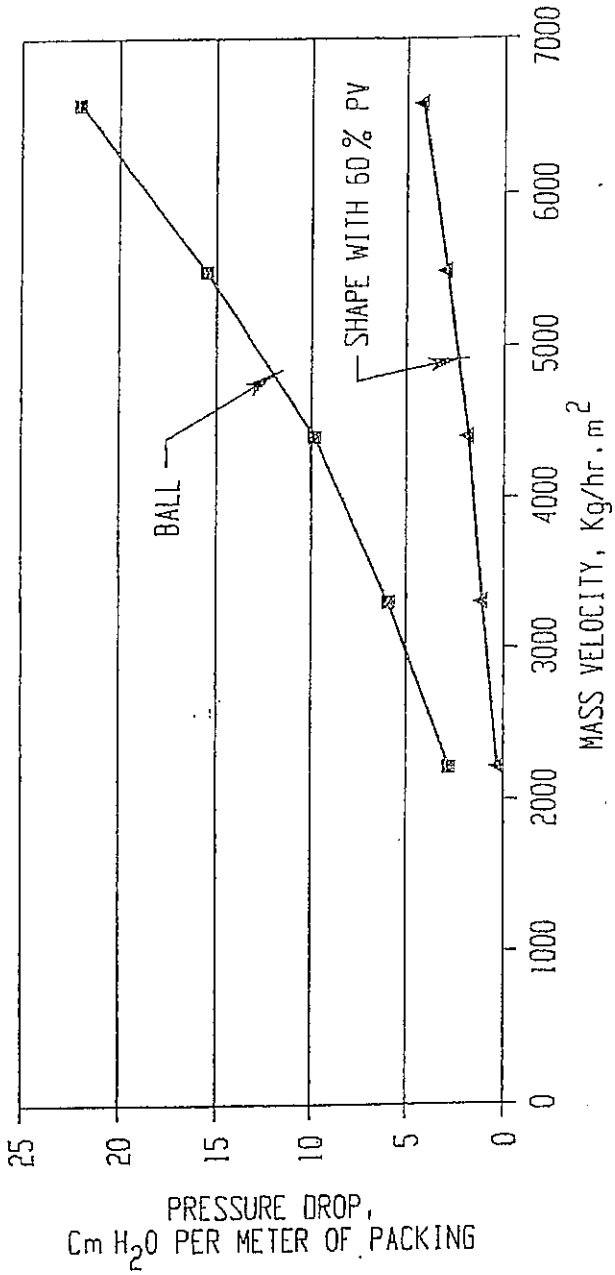

BALL
SHAPE WITH 60% PV
MASS VELOCITY, Kg/hr.m2
0
1000
2000
3000
4000
5000
6000
7000
PRESSURE DROP,
Cm H2O PER METER OF PACKING
0
5
10
15
20
25

Fig. 10

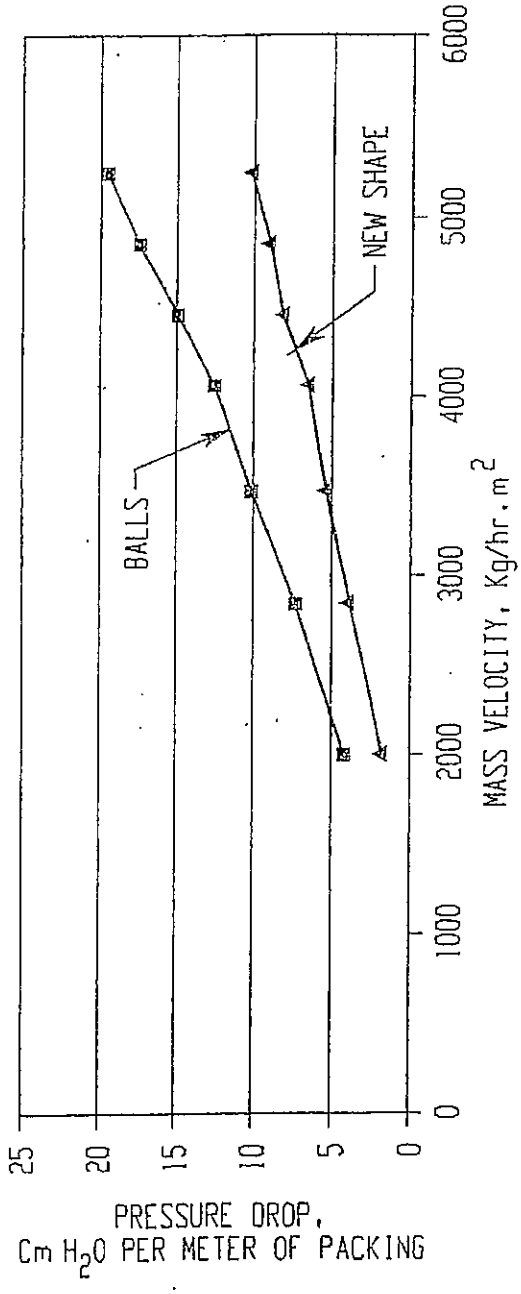

BALLS
NEW SHAPE
MASS VELOCITY, Kg/hr.m2
0
1000
2000
3000
4000
5000
6000
PRESSURE DROP,
Cm H2O PER METER OF PACKING
0
5
10
15
20
25

Fig. 11