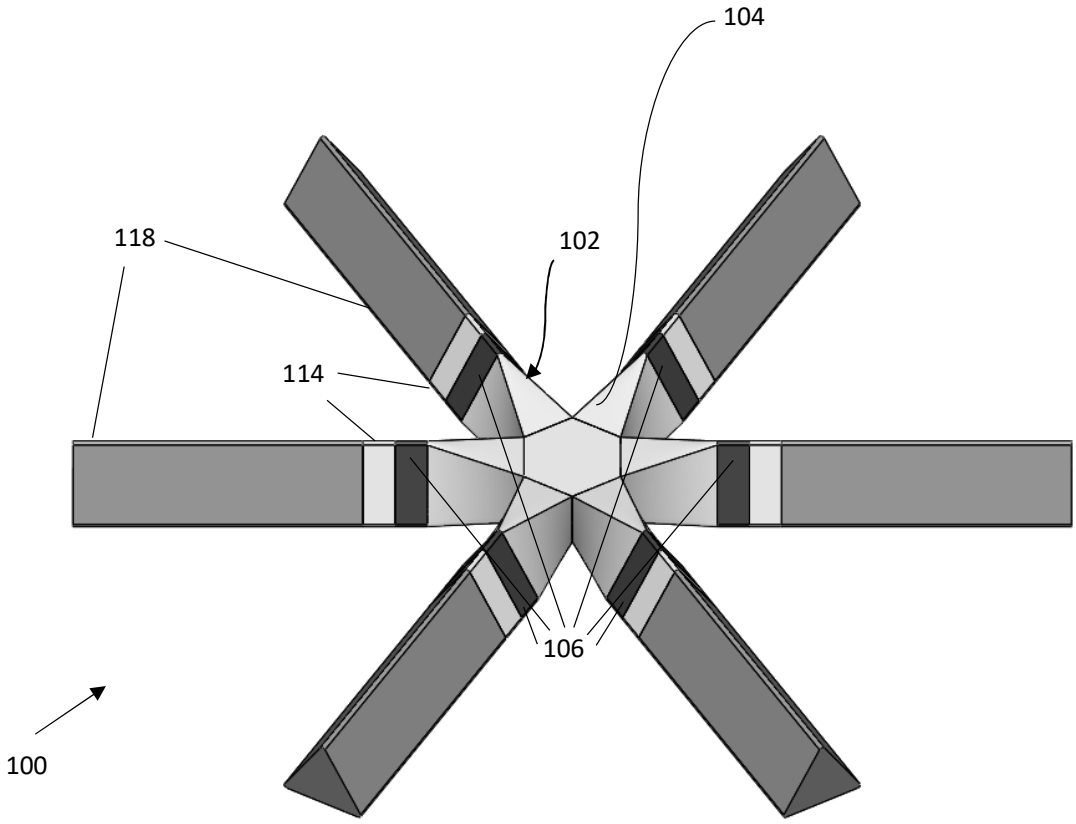


Figure 1A

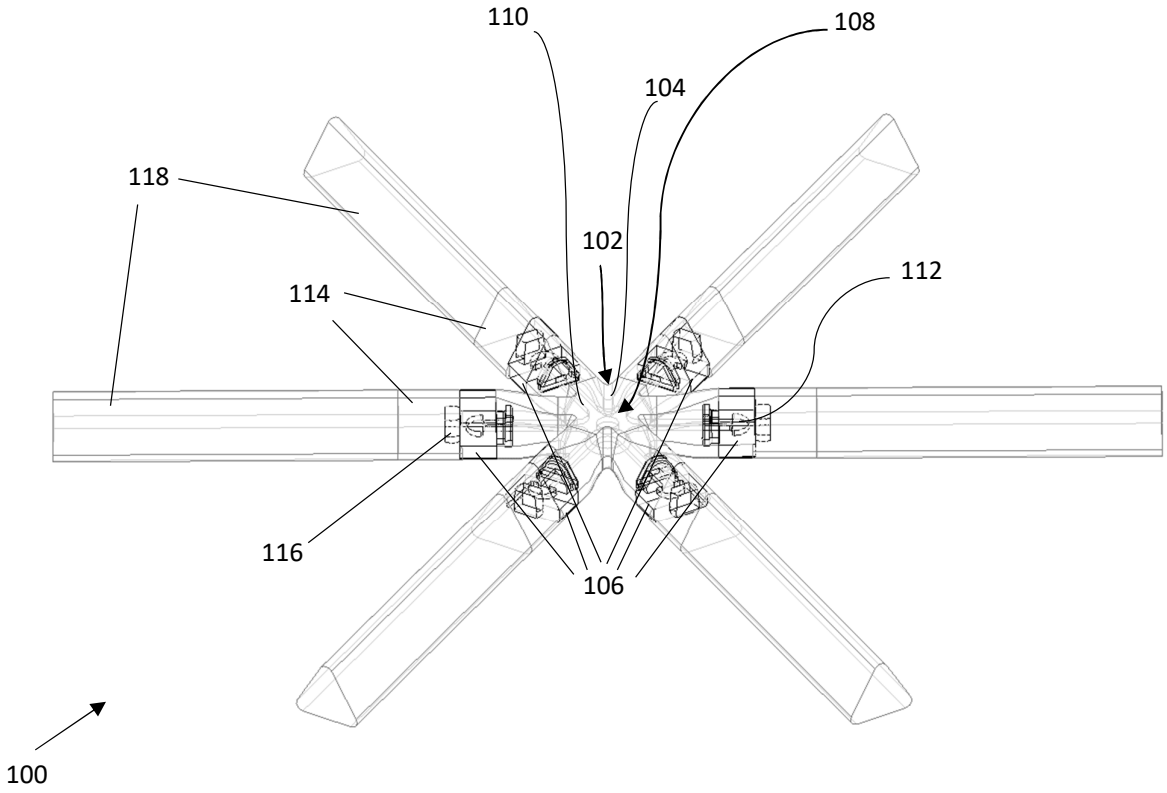


Figure 1B

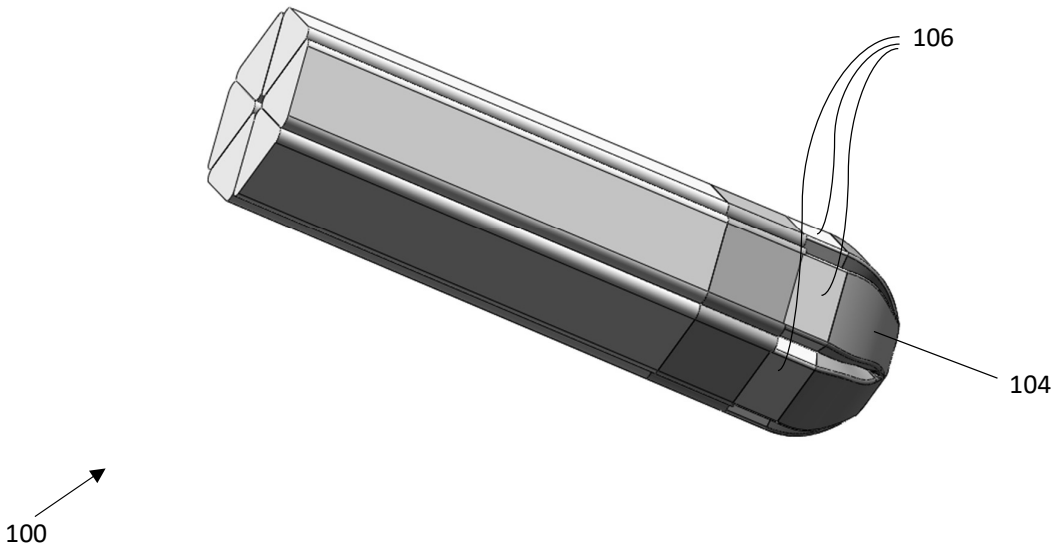


Figure 1C

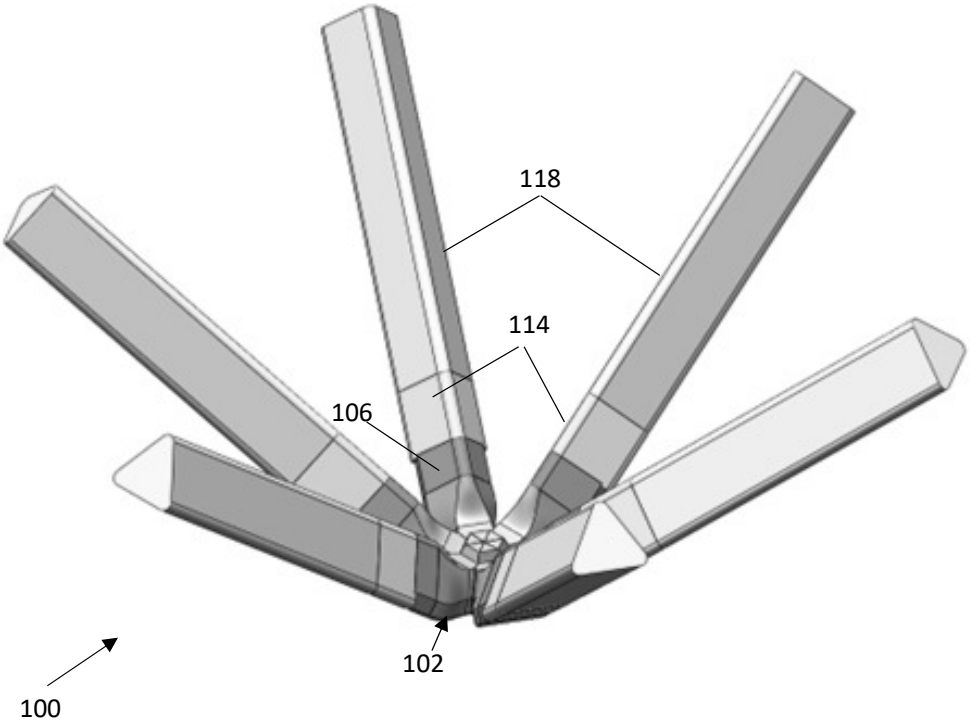


Figure 1D

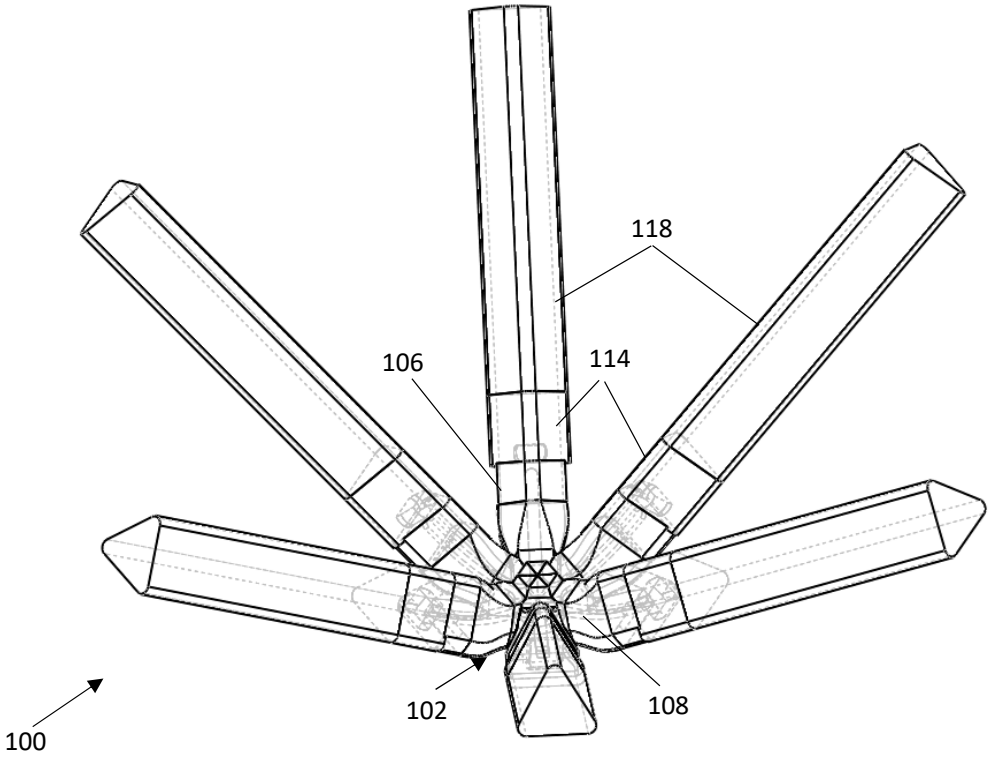


Figure 1E

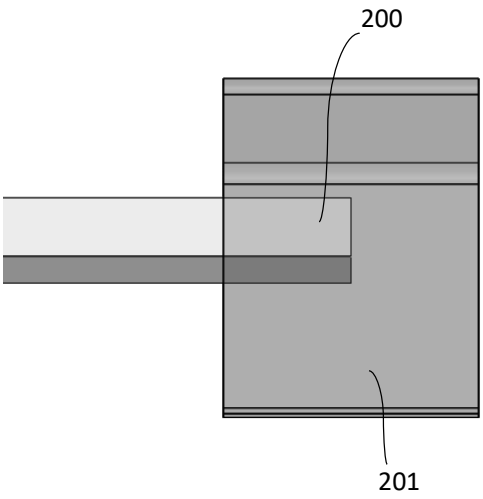


Figure 2A

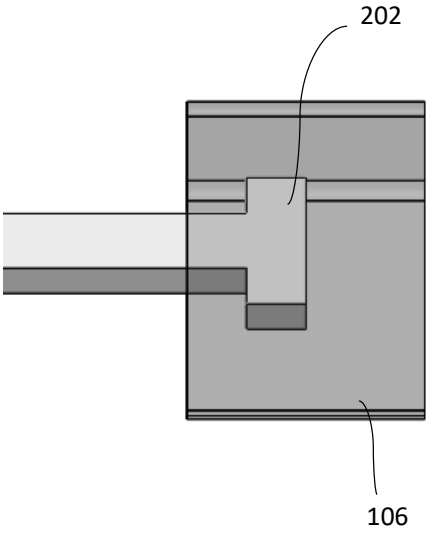


Figure 2B

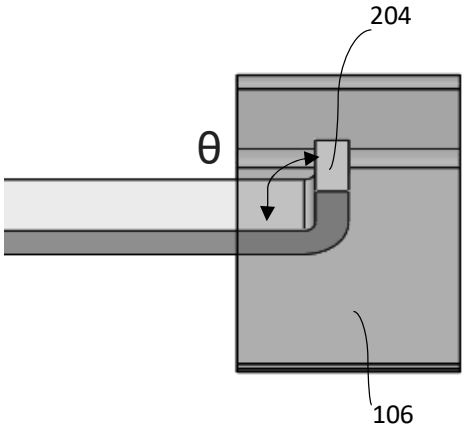


Figure 2C

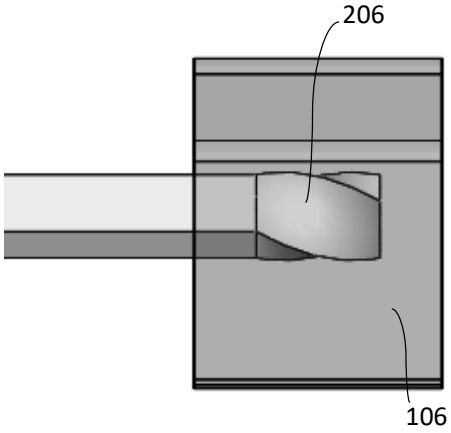


Figure 2D

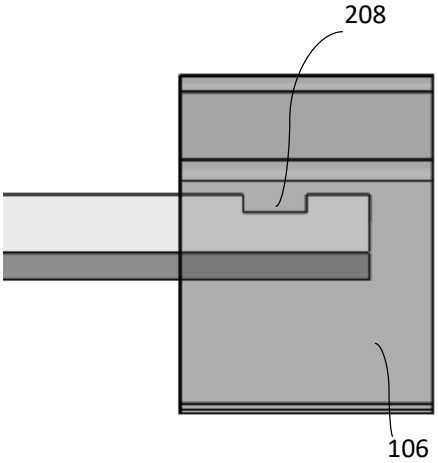


Figure 2E

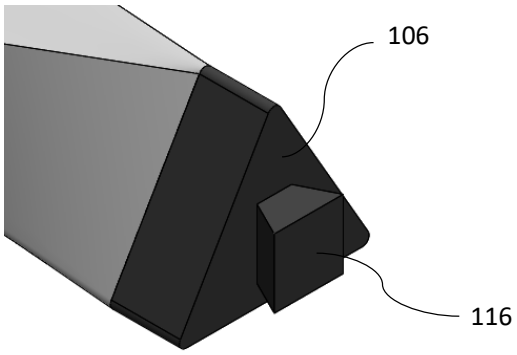


Figure 3A

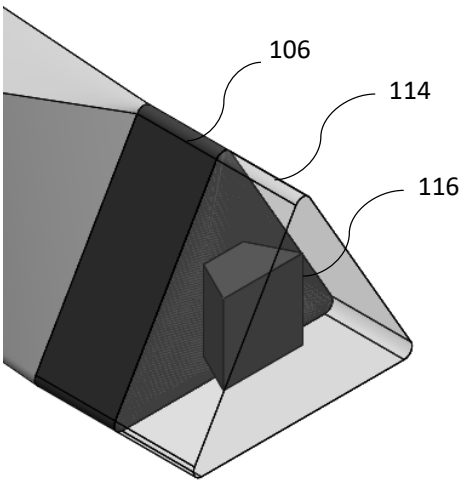


Figure 3B

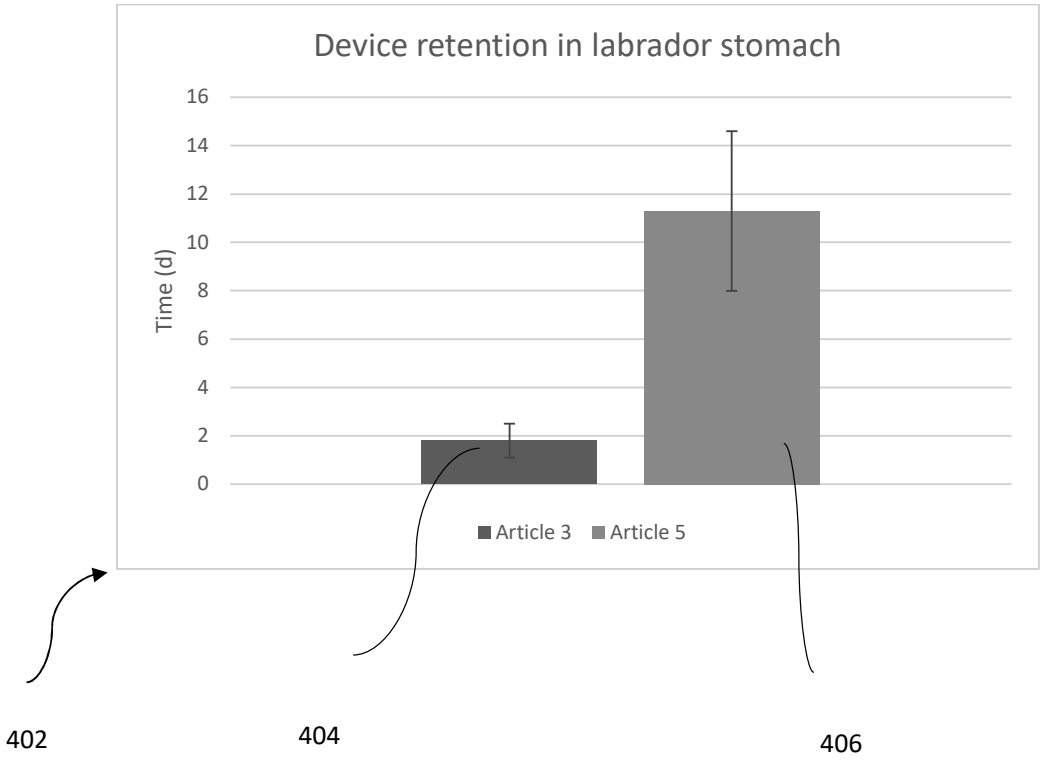

Device retention in labrador stomach
16
14
12
10
8
6
4
2
0
Time (d)
Article 3
Article 5
402
404
406

Figure 4

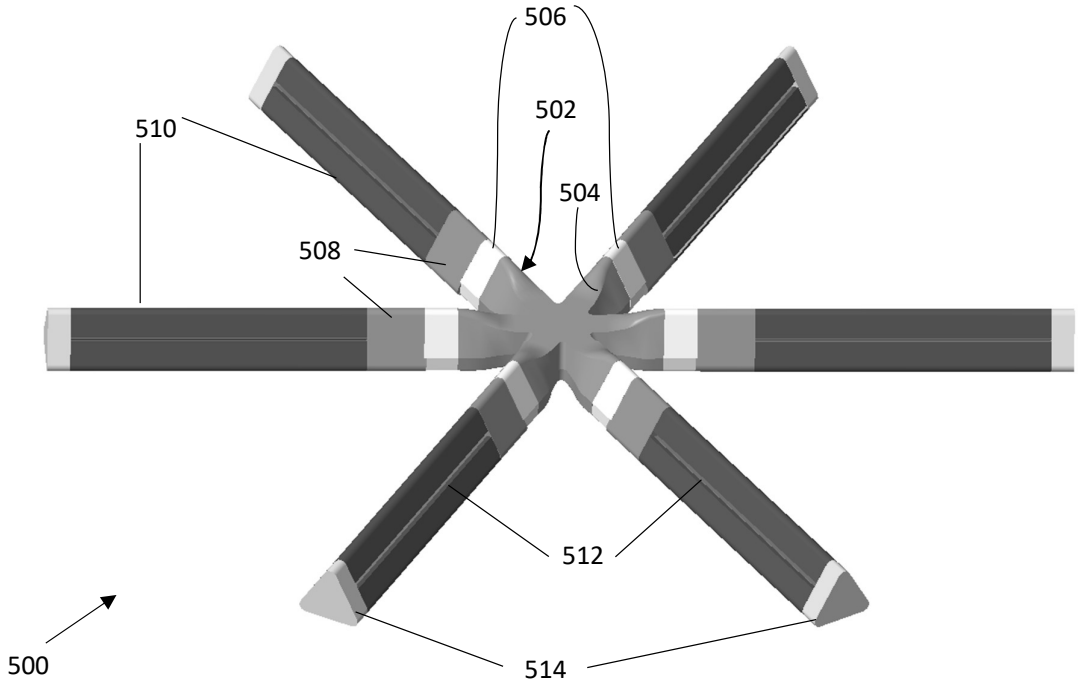


Figure 5

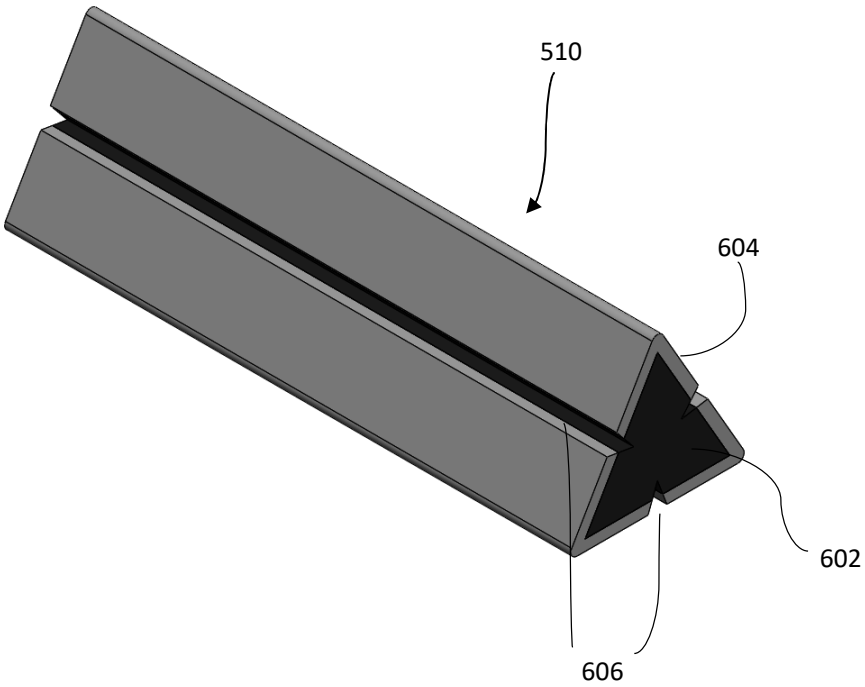


Figure 6

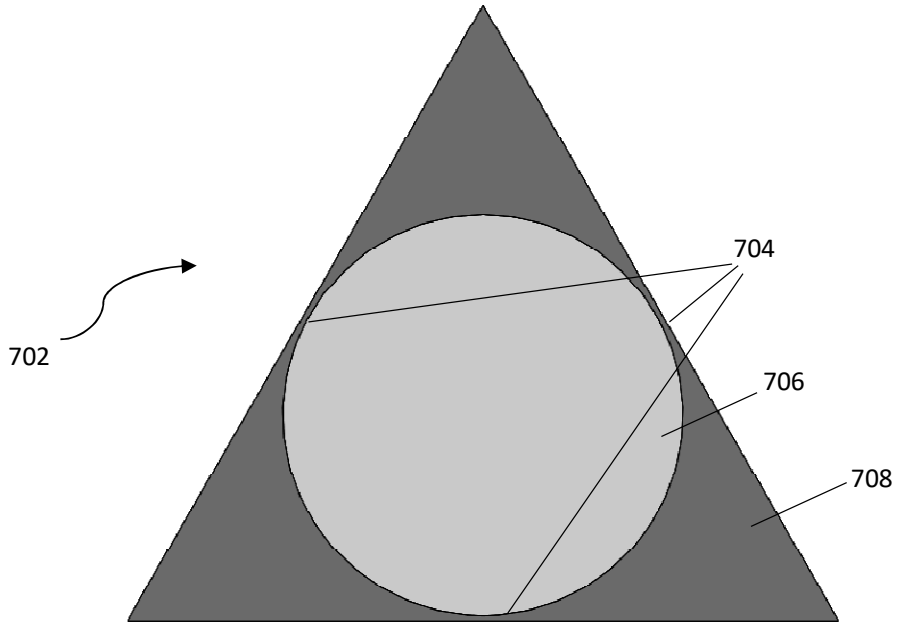


Figure 7A

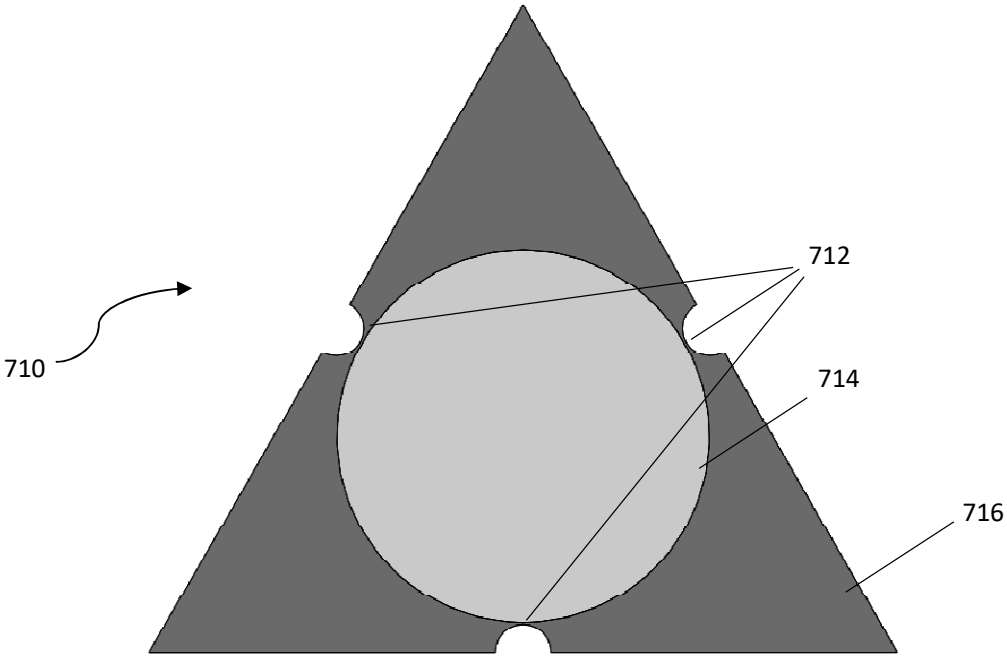


Figure 7B

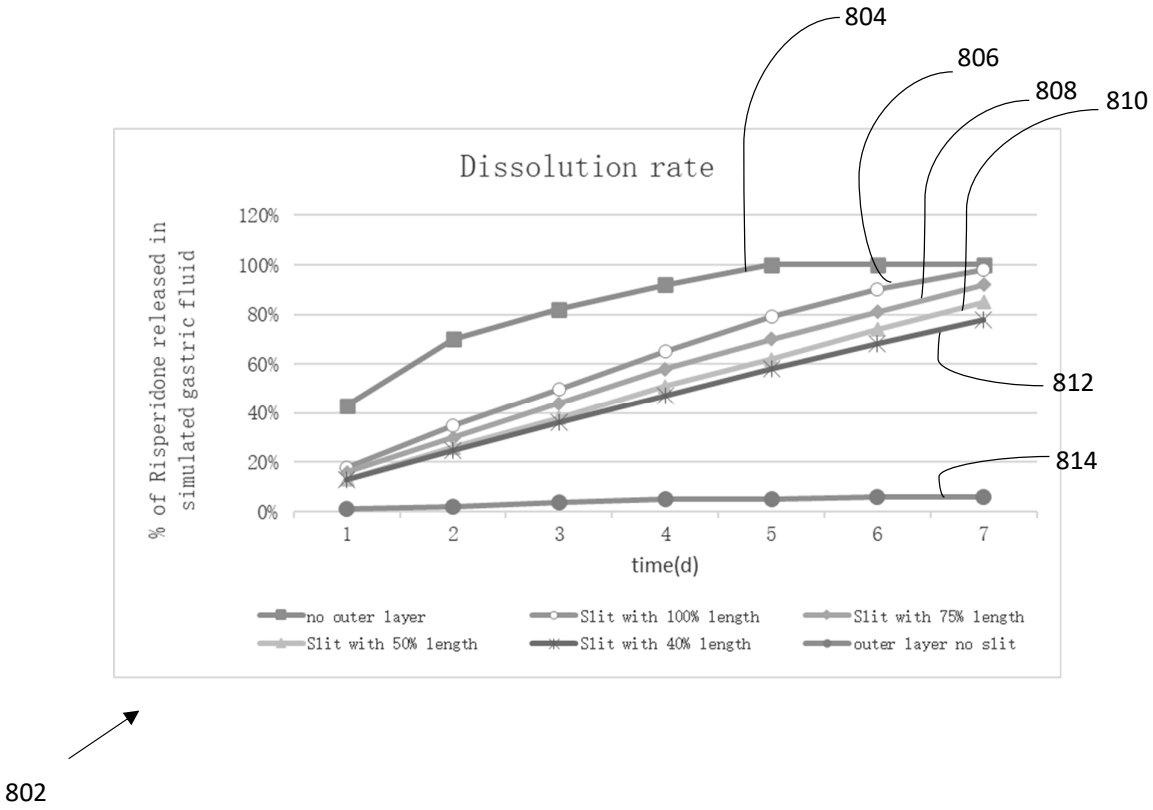

804
806
808
810
812
814
802
Dissolution rate
% of Risperidone released in simulated gastric fluid
120%
100%
80%
60%
40%
20%
0%
1
2
3
4
5
6
7
time(d)
no outer layer
Slit with 100% length
Slit with 75% length
Slit with 50% length
Slit with 40% length
outer layer no slit

Figure 8