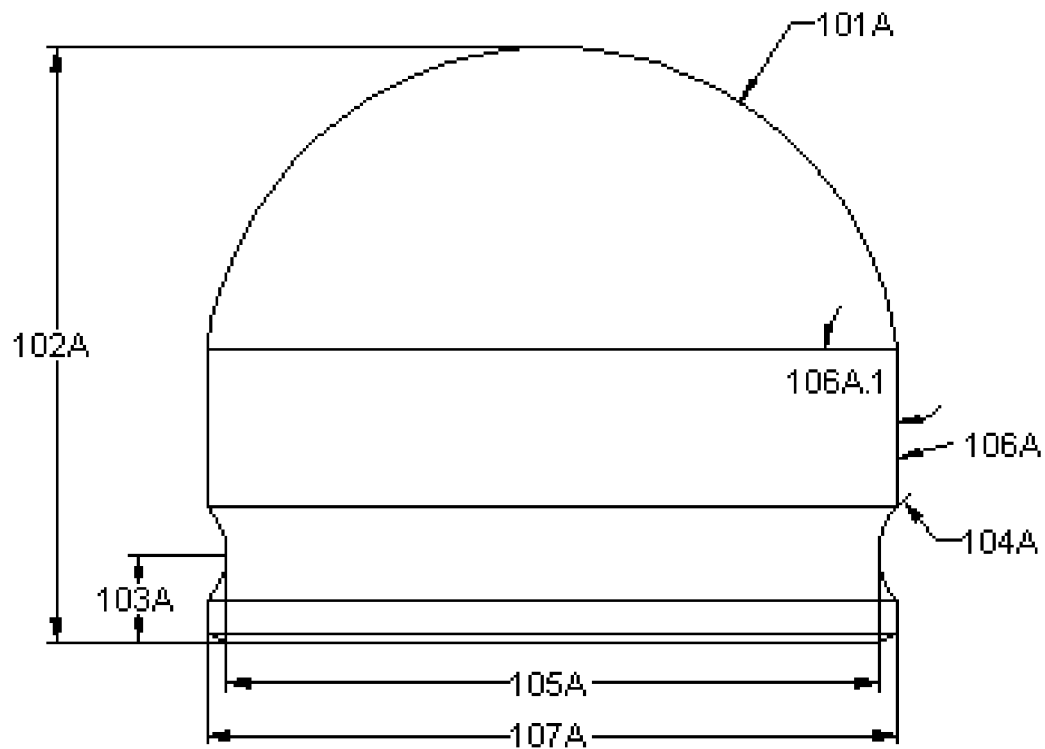
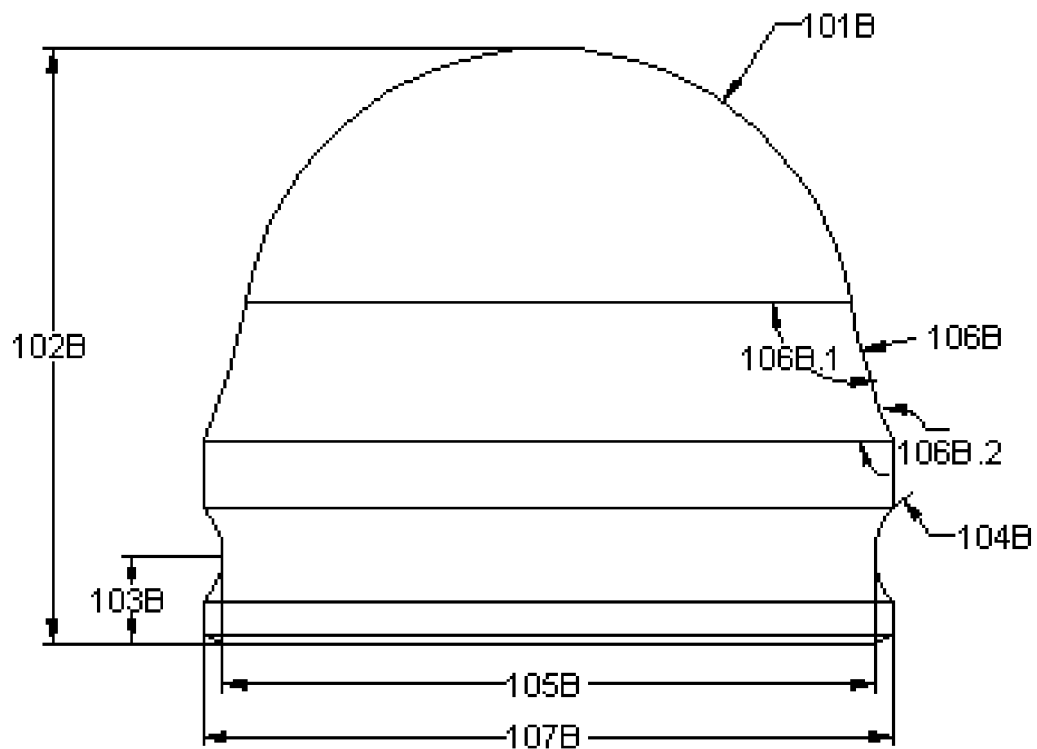


1/8

Figure 1AFigure 1B

2/8

Figure 1C

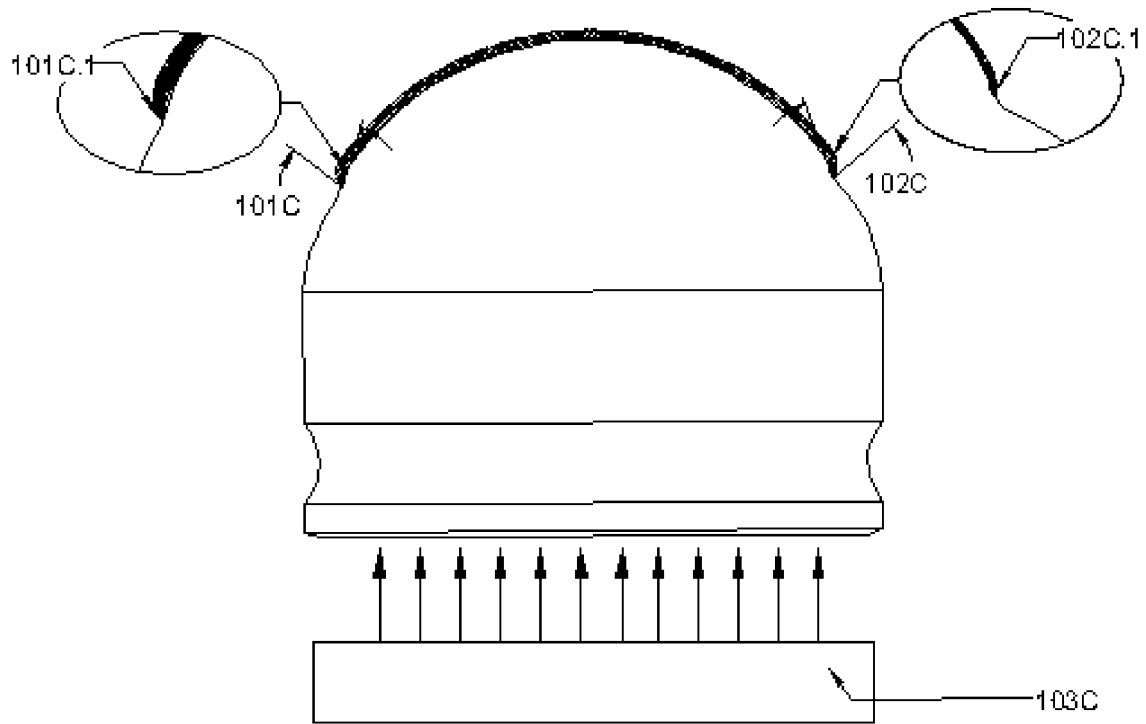
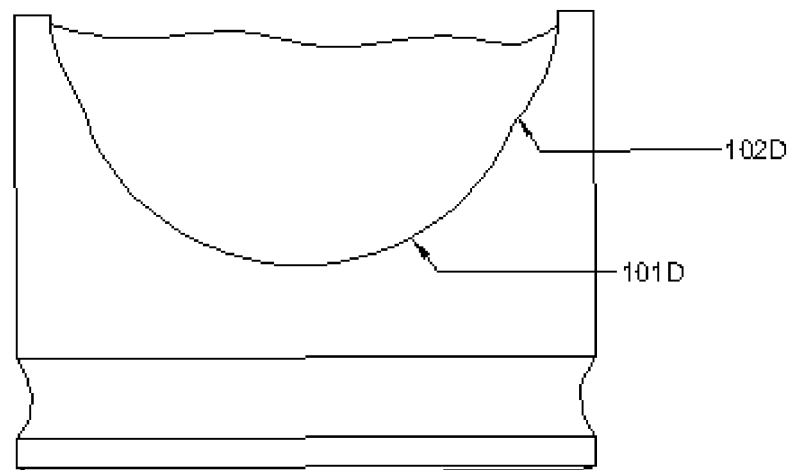


Figure 1D

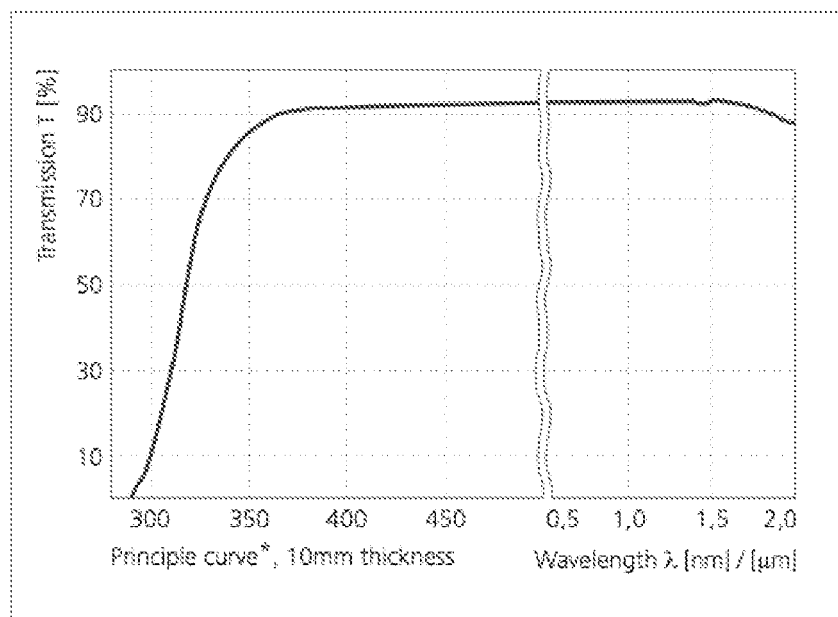


3/8

Figure 2

PROPERTIES OF BK7 OPTICAL GLASS		
201	Optical Properties	-Optical Transmission spectrum of BK7:-Refractive Index n_d : 1,51680. -Abbe numbers: $\nu_e = 63.96$ and $\nu_d = 64.17$
202	Mechanical Properties	-Density: 2.51 g/ cm^3 -Young's modulus E: $E: 82 \times 10^3 \text{ N/mm}^2$ -Knoop hardness $HK_{0,1/20}$: 610
203	Thermal Properties	-Coefficient of thermal expansion: $7,1 \times 10^{-6}/\text{K}$ (-30°C to +70°C) $8,3 \times 10^{-6}/\text{K}$ (+20 to +300°C)
204	Chemical Resistances	-Climate Resistance Class 2 Resistance against humidity is expressed by CR-Classes 1 (high) to 4 (low). -Stain Resistance Class 0 Resistance against staining is expressed by FR-Classes 0 (high) to 5 (low). -Acid Resistance Class 1 Resistance against acid solutions is expressed by SR-Classes 0 (high) to 4 (low). -Alkali Resistance Class 2 Resistance against alkali solutions is expressed by AR-Classes 0 (high) to 4 (low).

Figure 3



4/8

Figure 4A

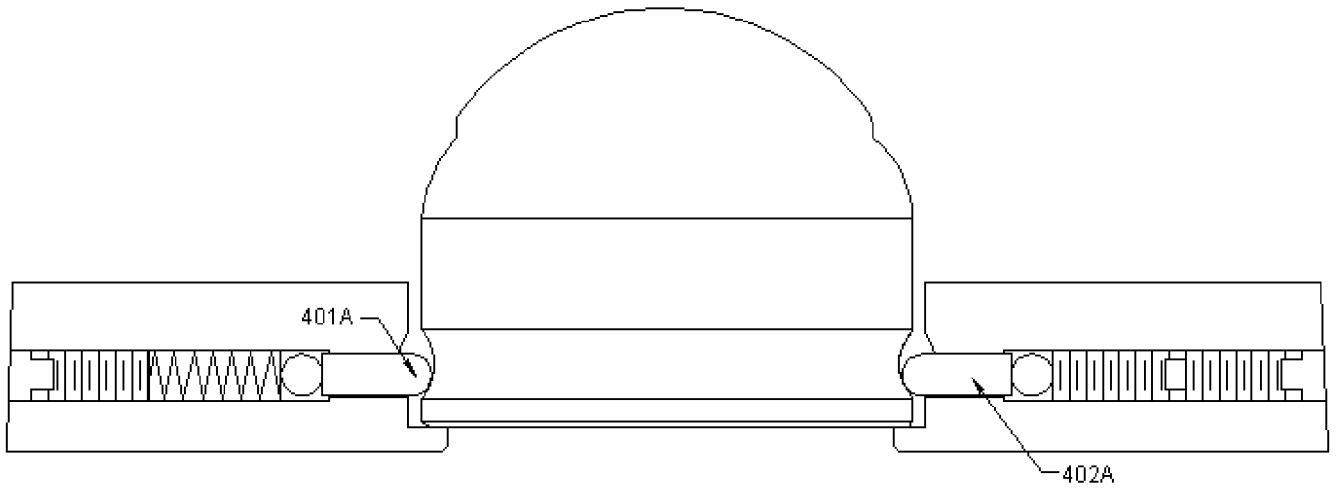
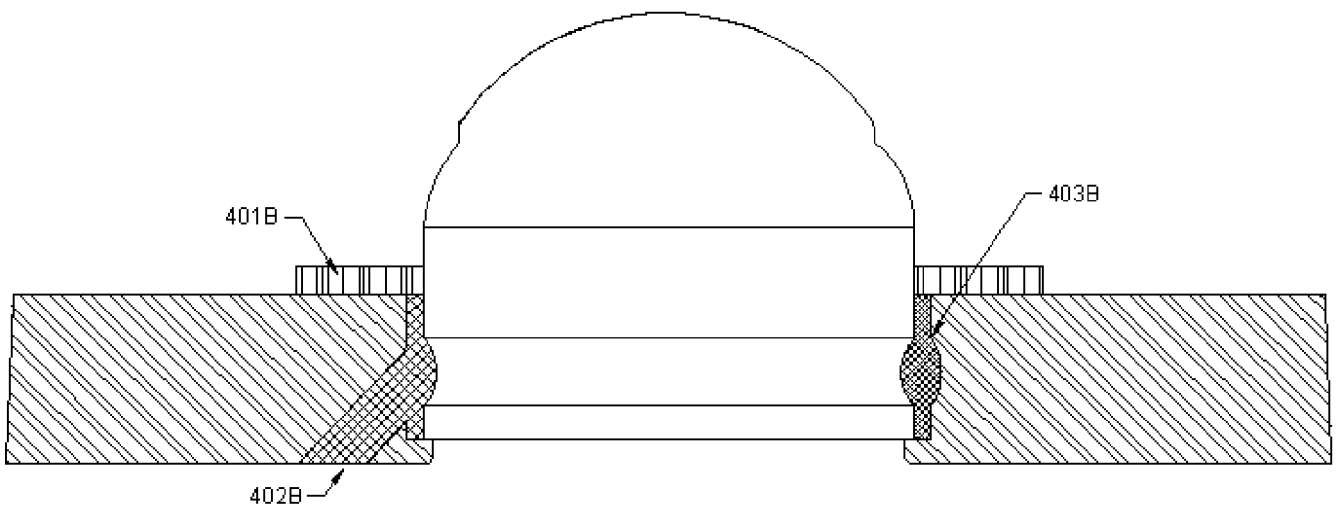
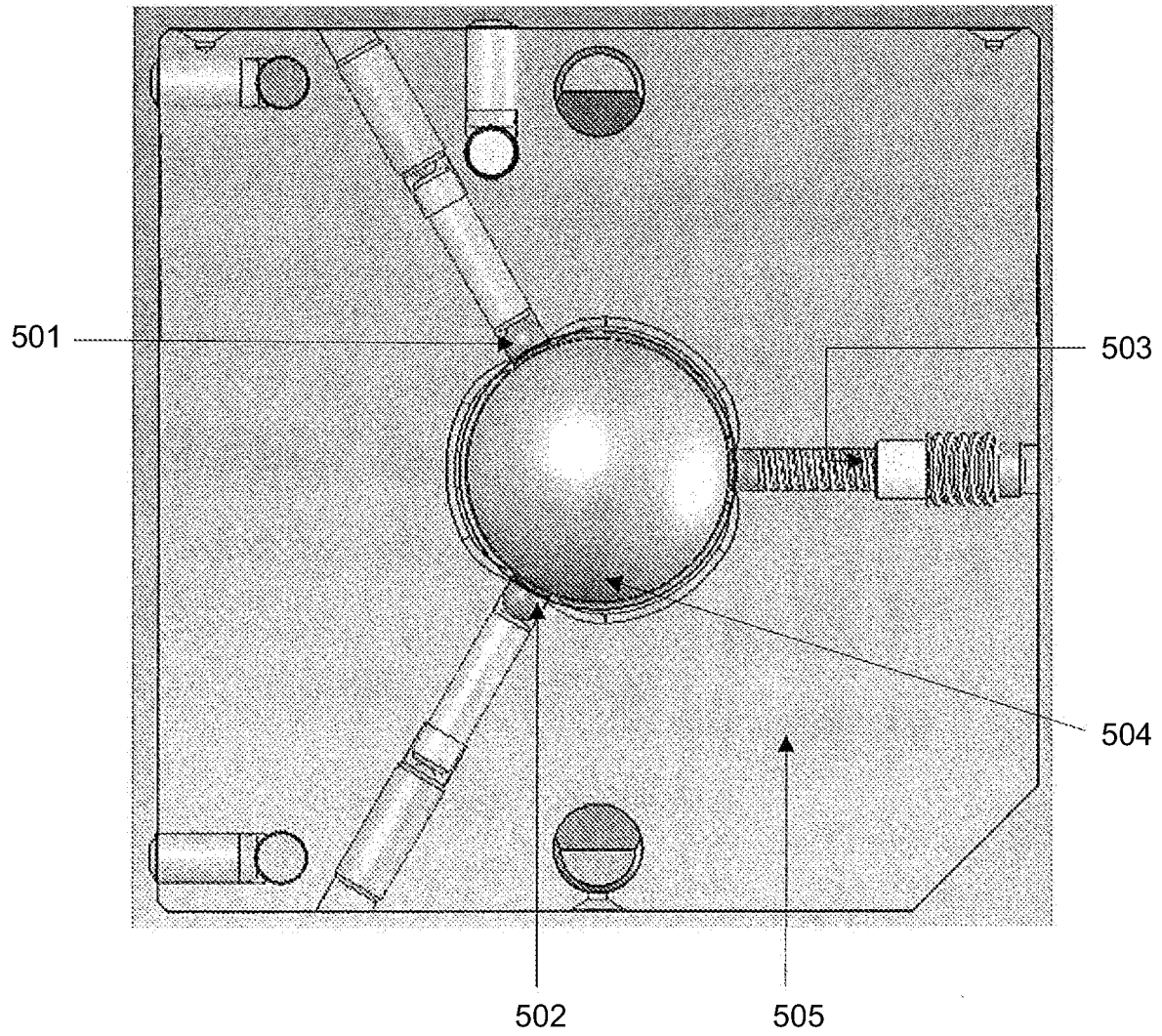


Figure 4B



5/8

Figure 5

6/8

Figure 6

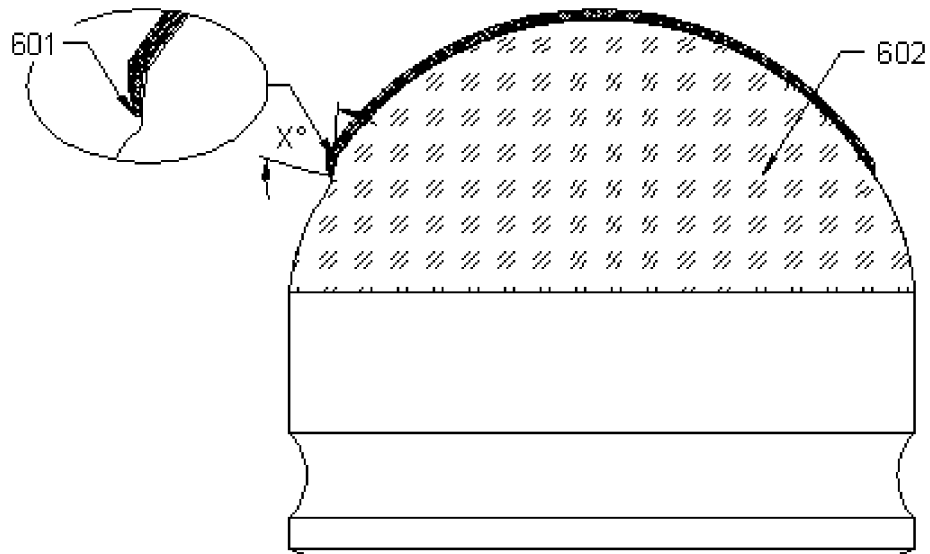
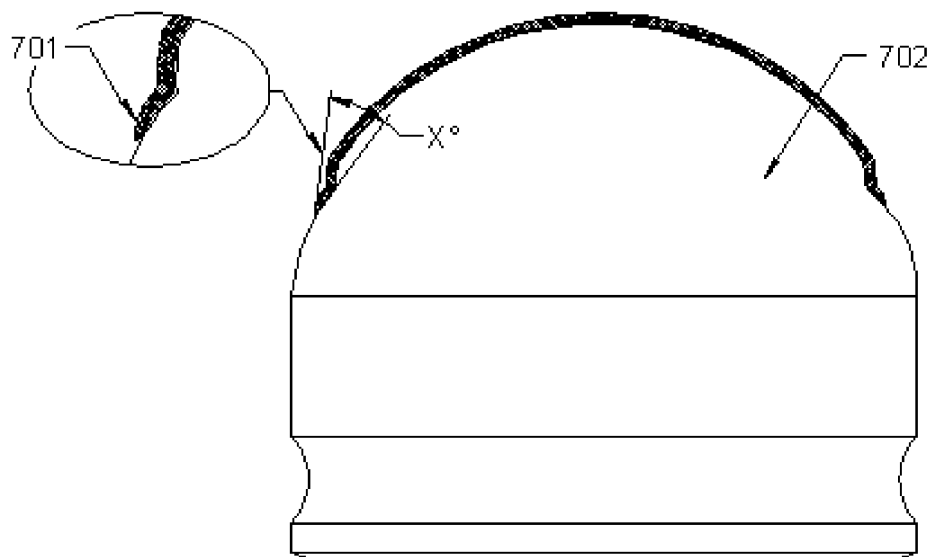
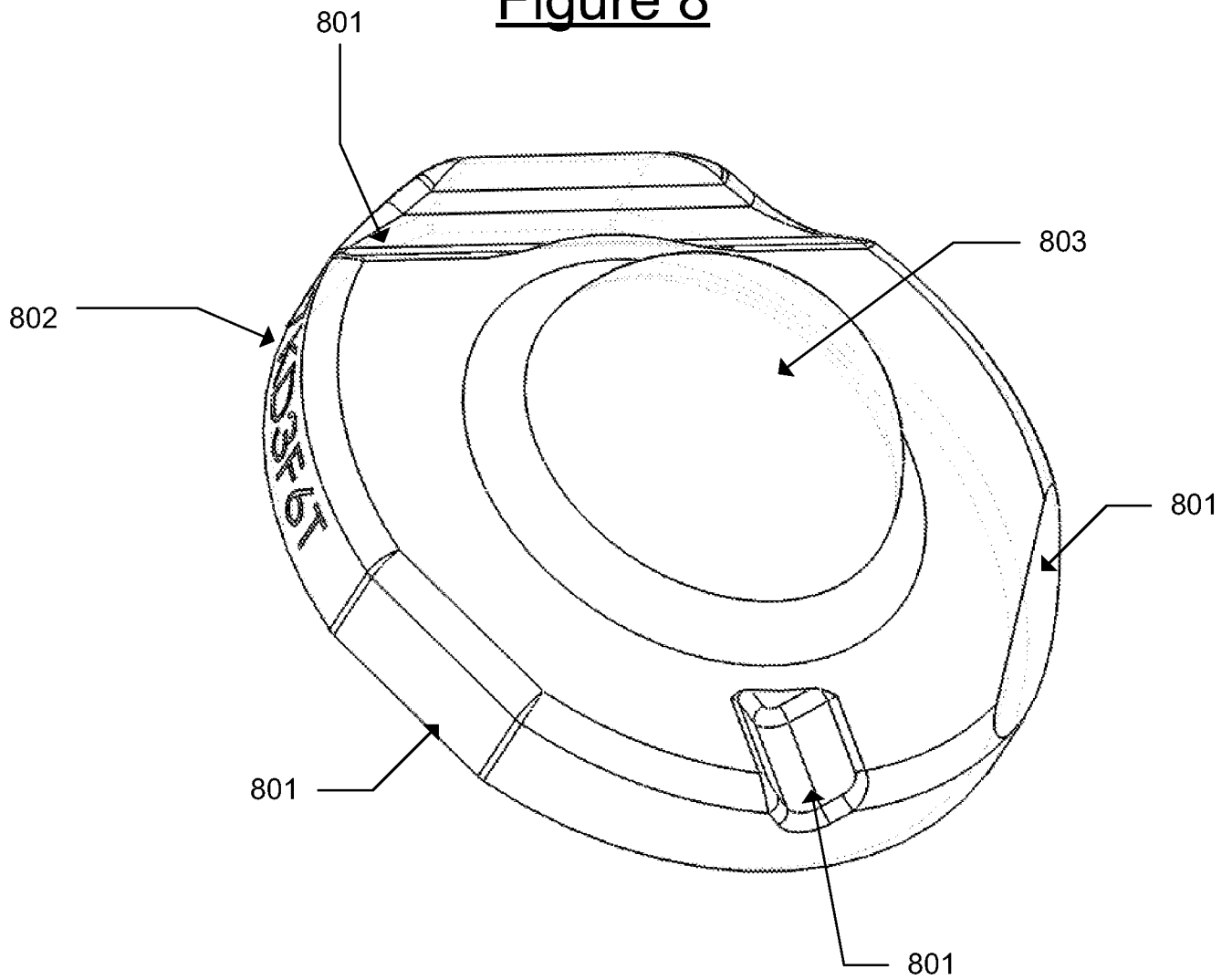


Figure 7



7/8

Figure 8



8/8

Figure 9