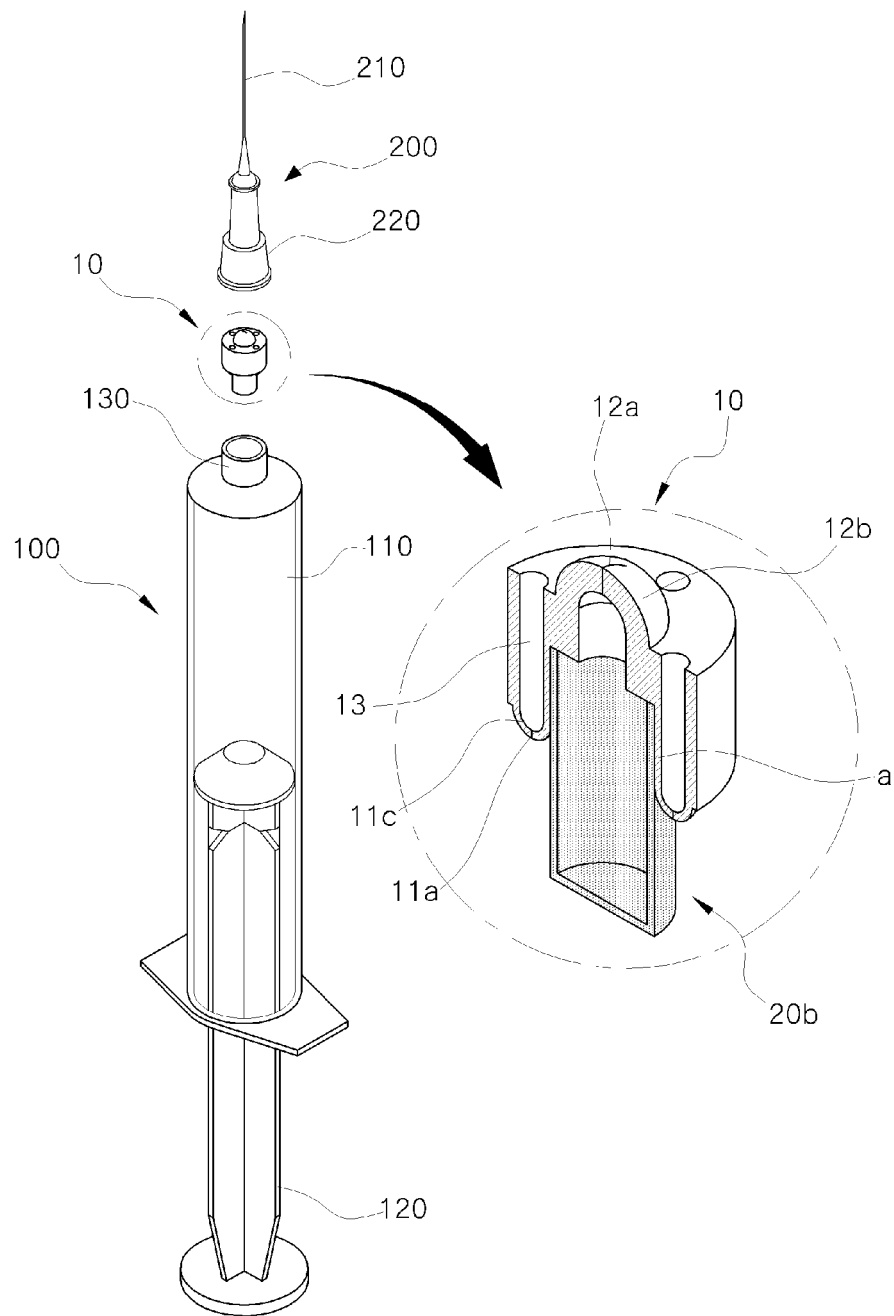
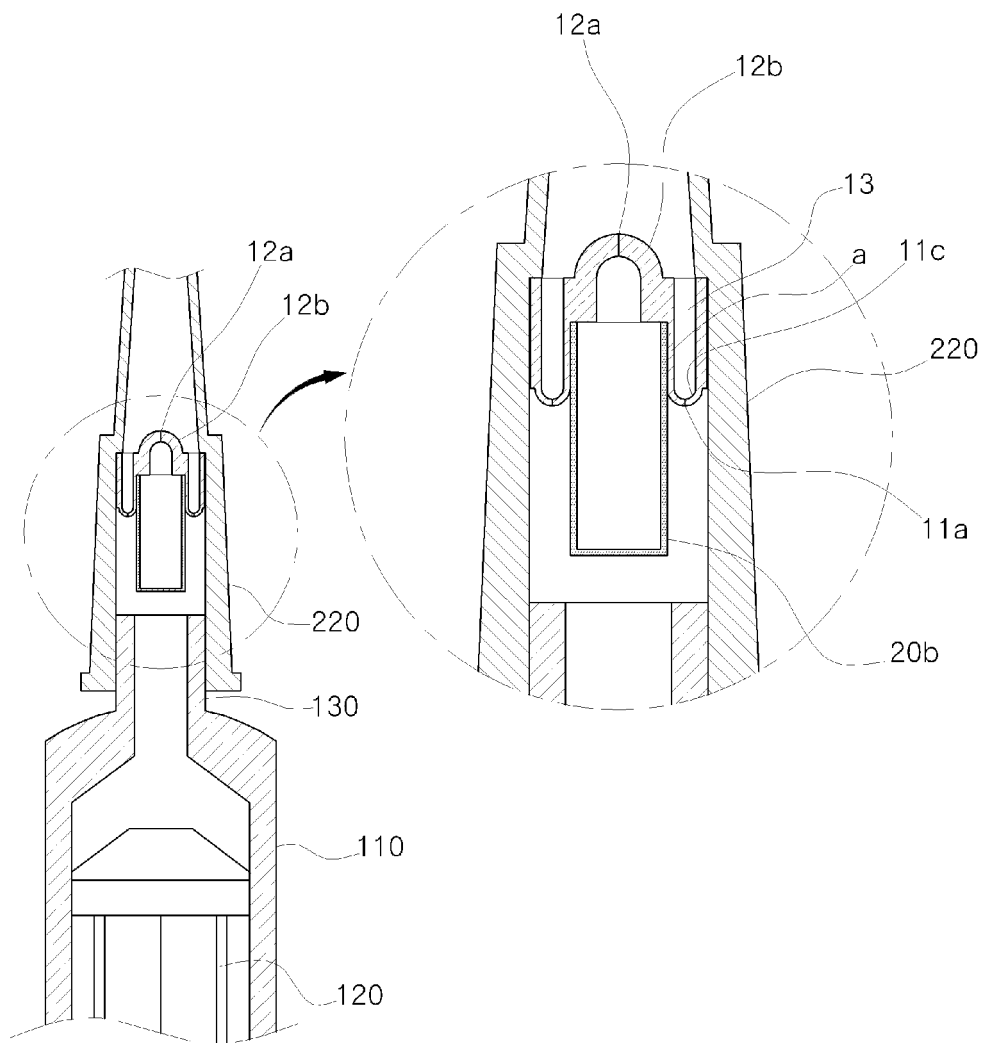


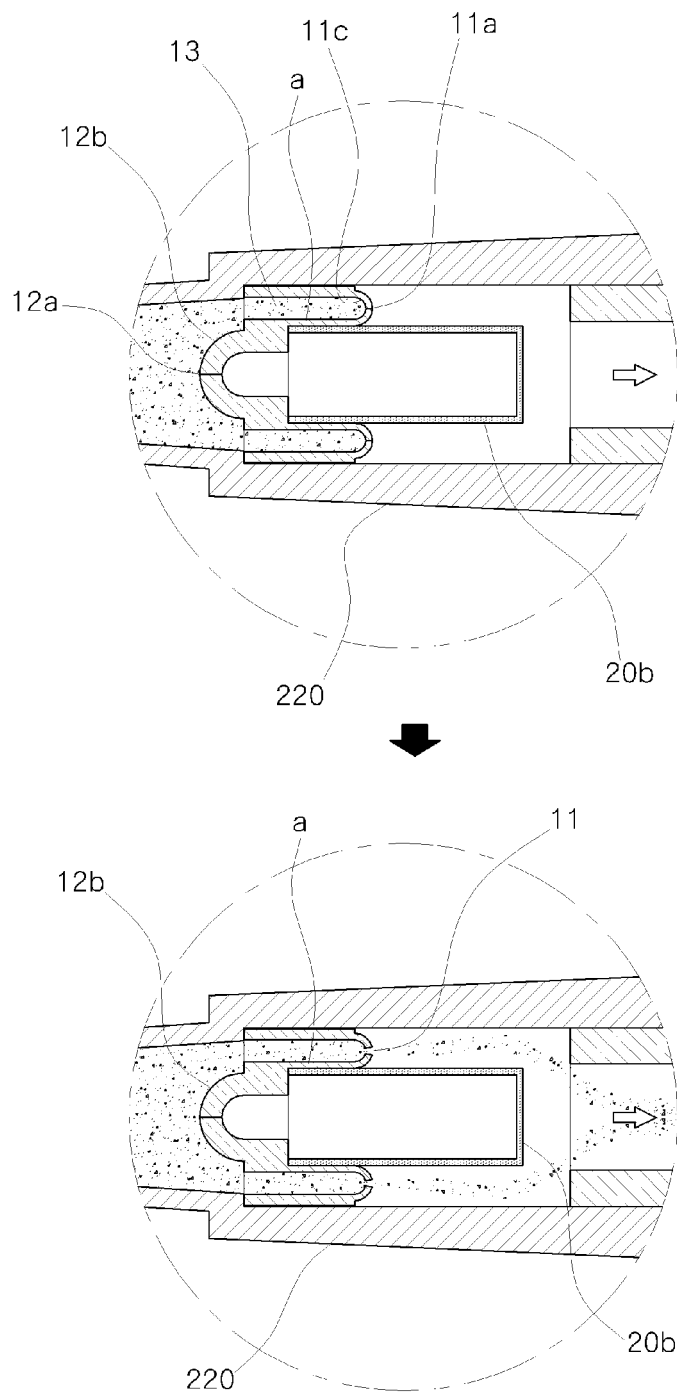
[Fig. 1]



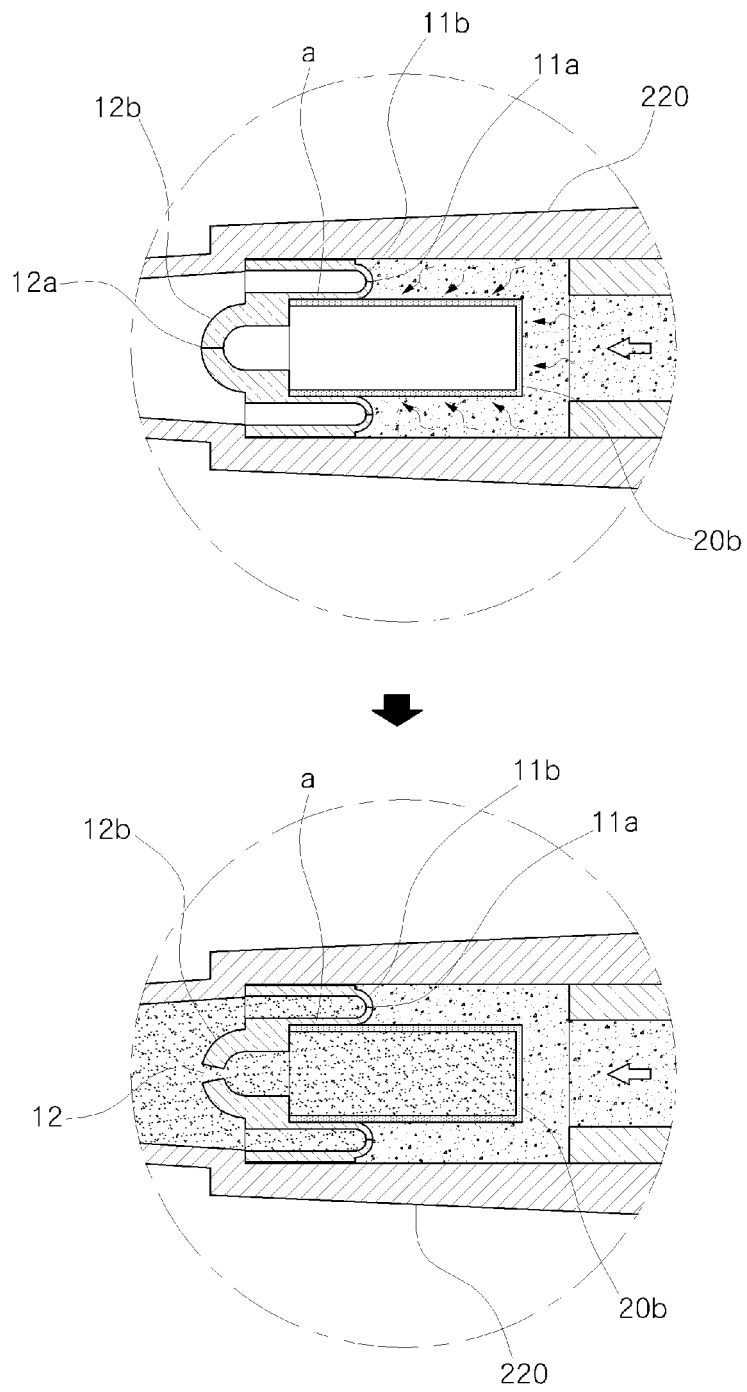
[Fig. 2]



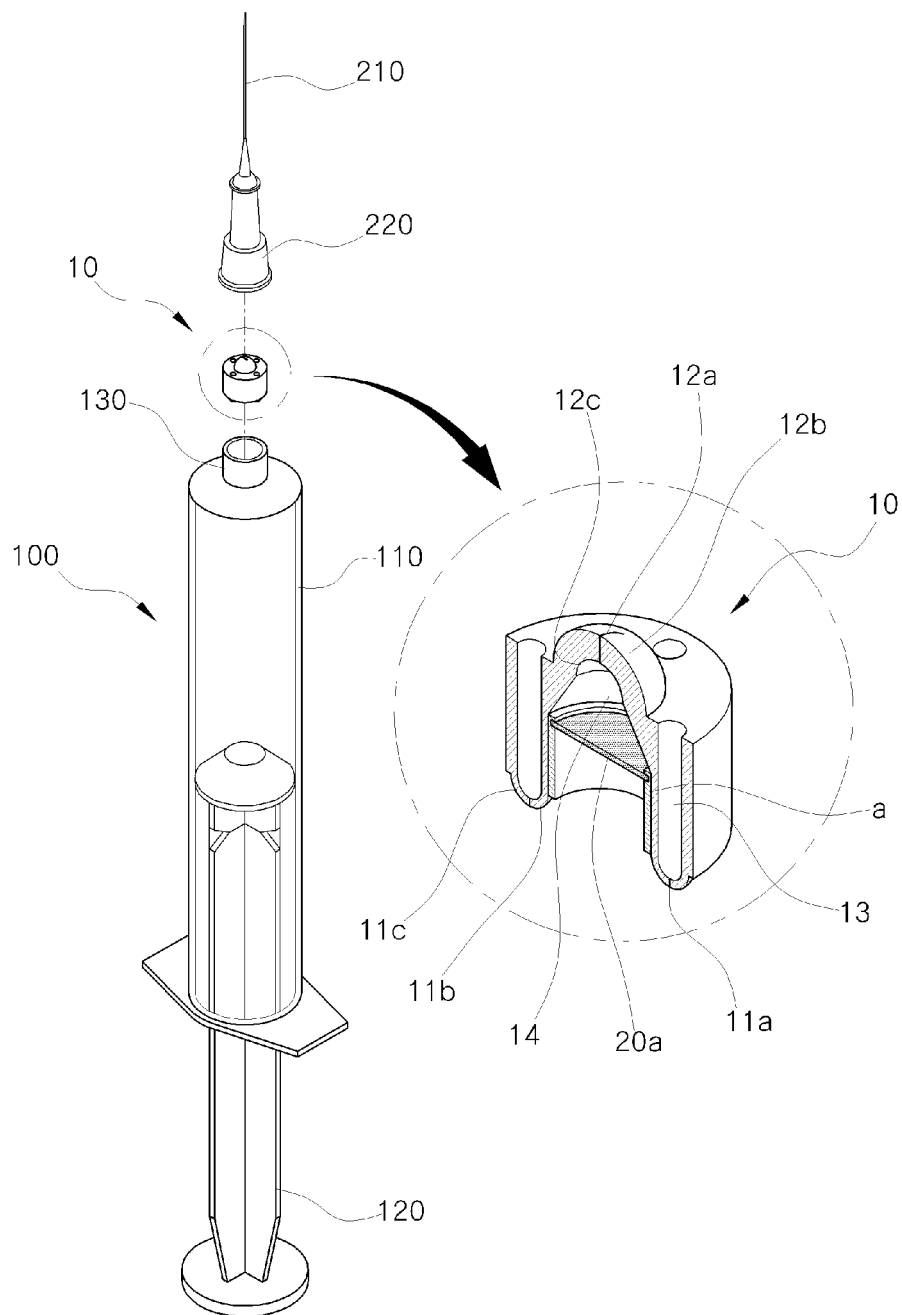
[Fig. 3]



[Fig. 4]



[Fig. 5]





[Fig. 7]

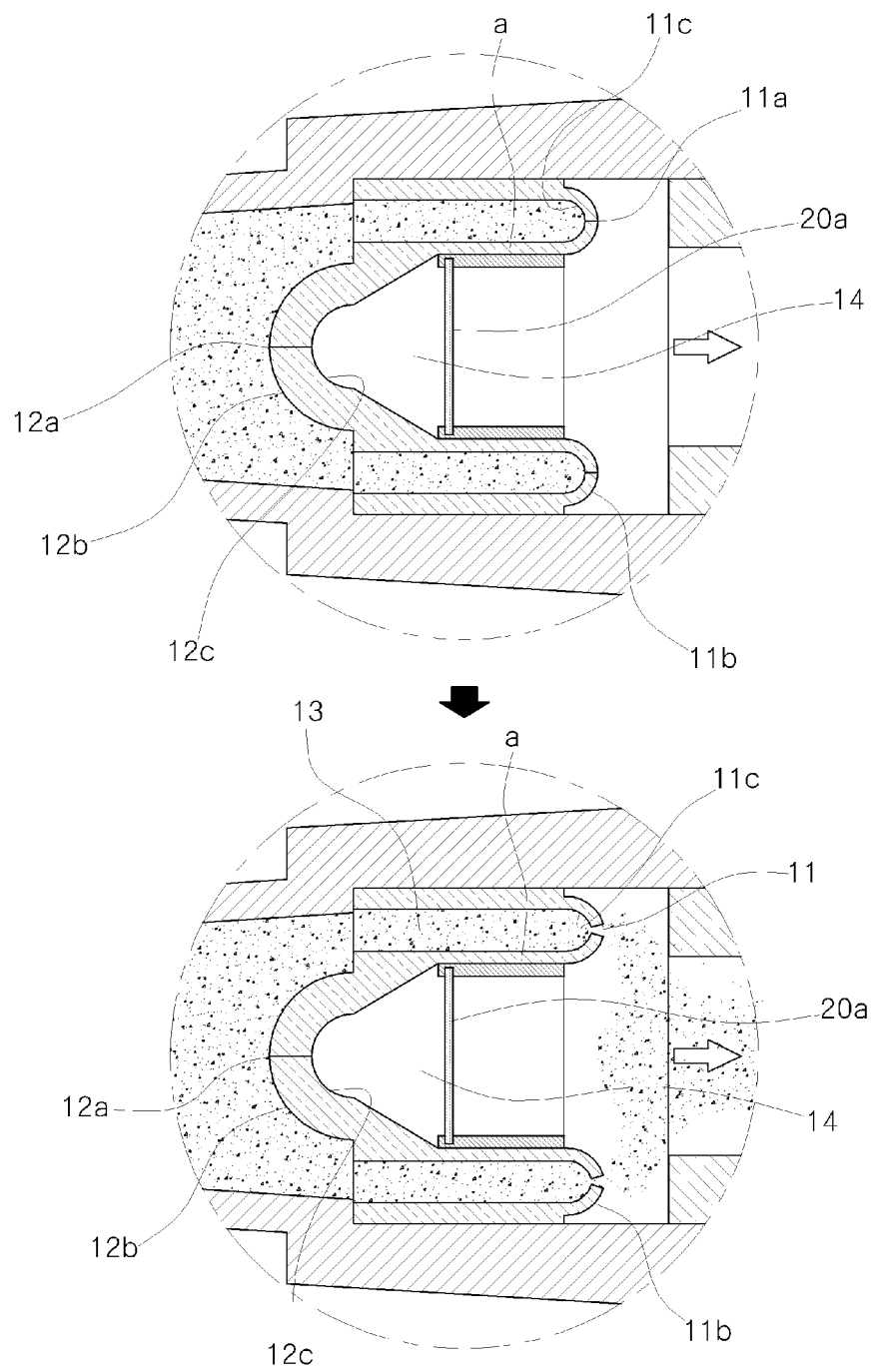
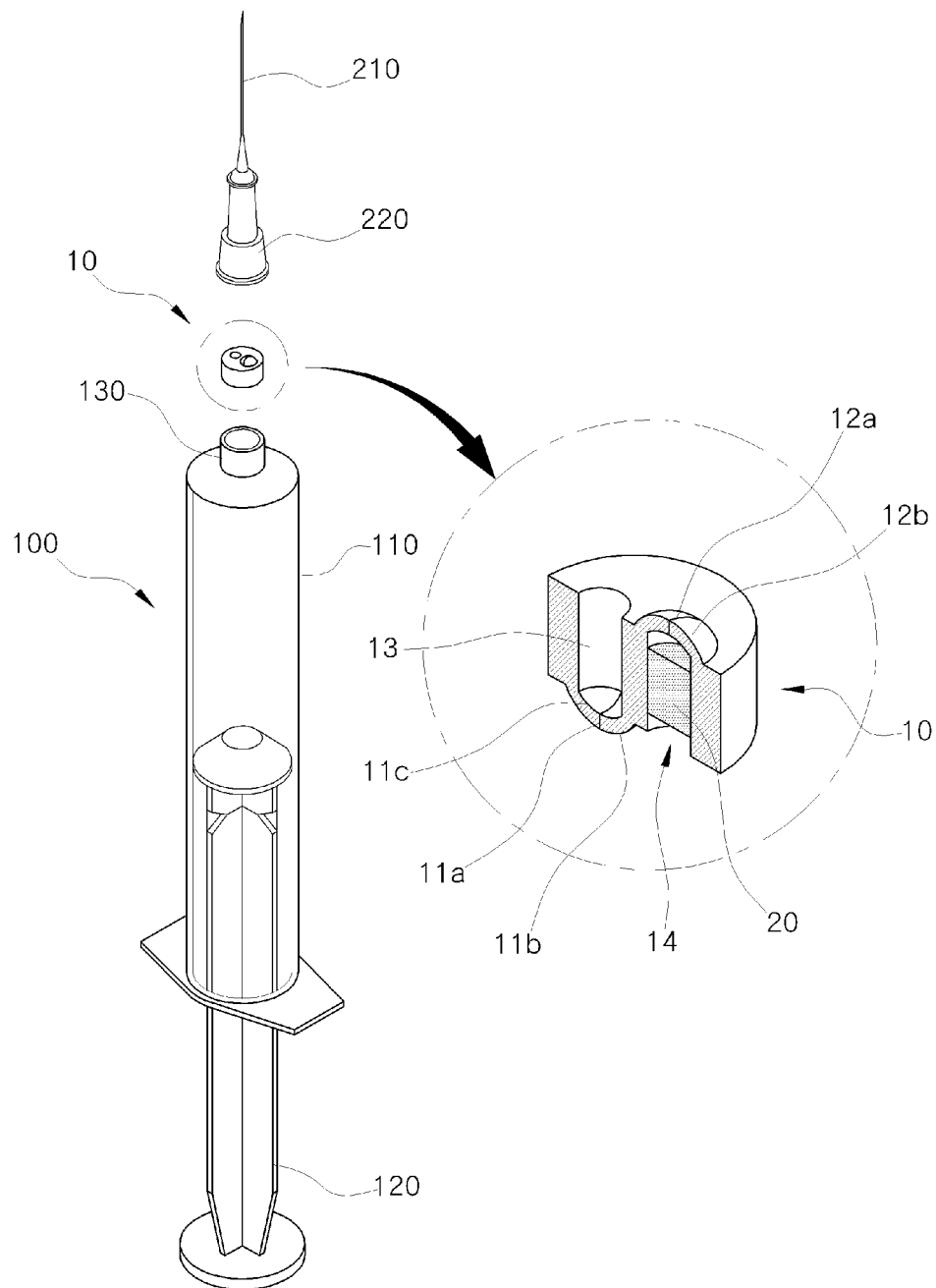
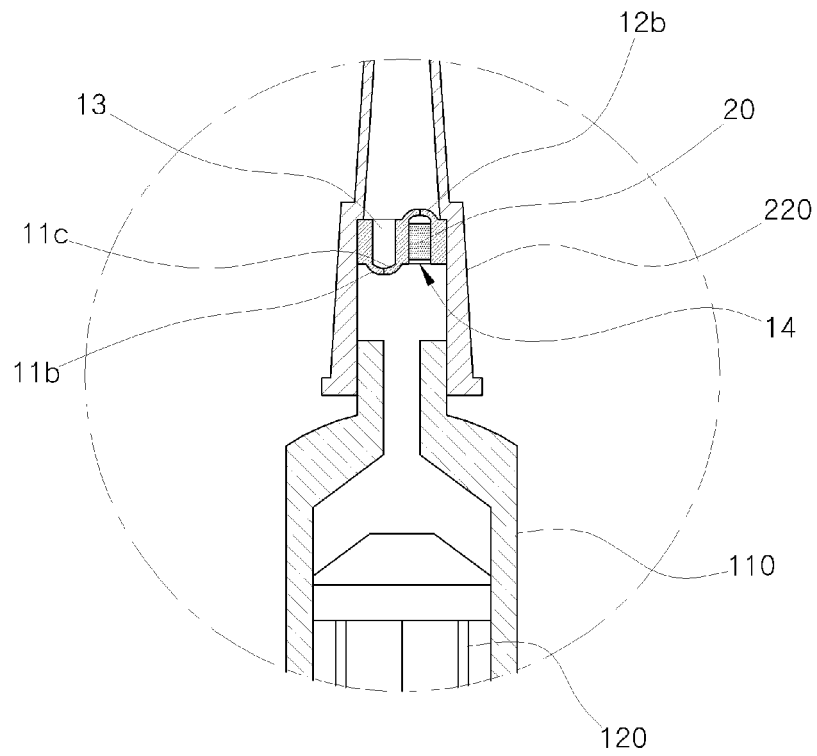


Figure 1 consists of two cross-sectional views, (a) and (b), illustrating a resin casting process. View (a) shows a mold assembly 13 with a cavity 21. A resin layer 20a is being poured into the cavity 21 from a reservoir 220. The resin layer 20a is shown as a shaded area. The mold assembly 13 includes a base 11a and a top 11b. The cavity 21 is defined by the mold assembly 13. The resin layer 20a is shown filling the cavity 21. View (b) shows the resin layer 20a filling the cavity 21. The resin layer 20a is shown as a shaded area. The mold assembly 13 includes a base 11a and a top 11b. The cavity 21 is defined by the mold assembly 13. The resin layer 20a is shown filling the cavity 21.

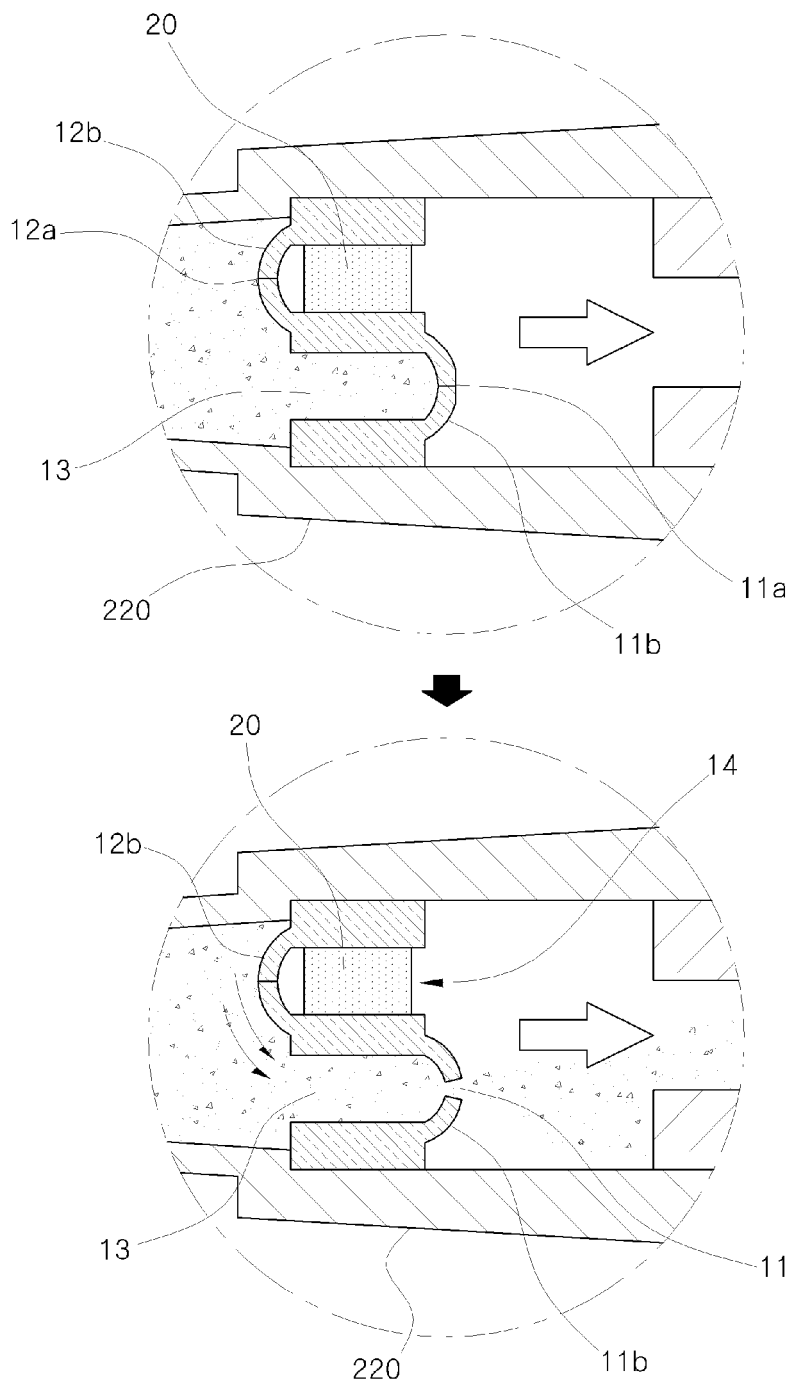
[Fig. 9]



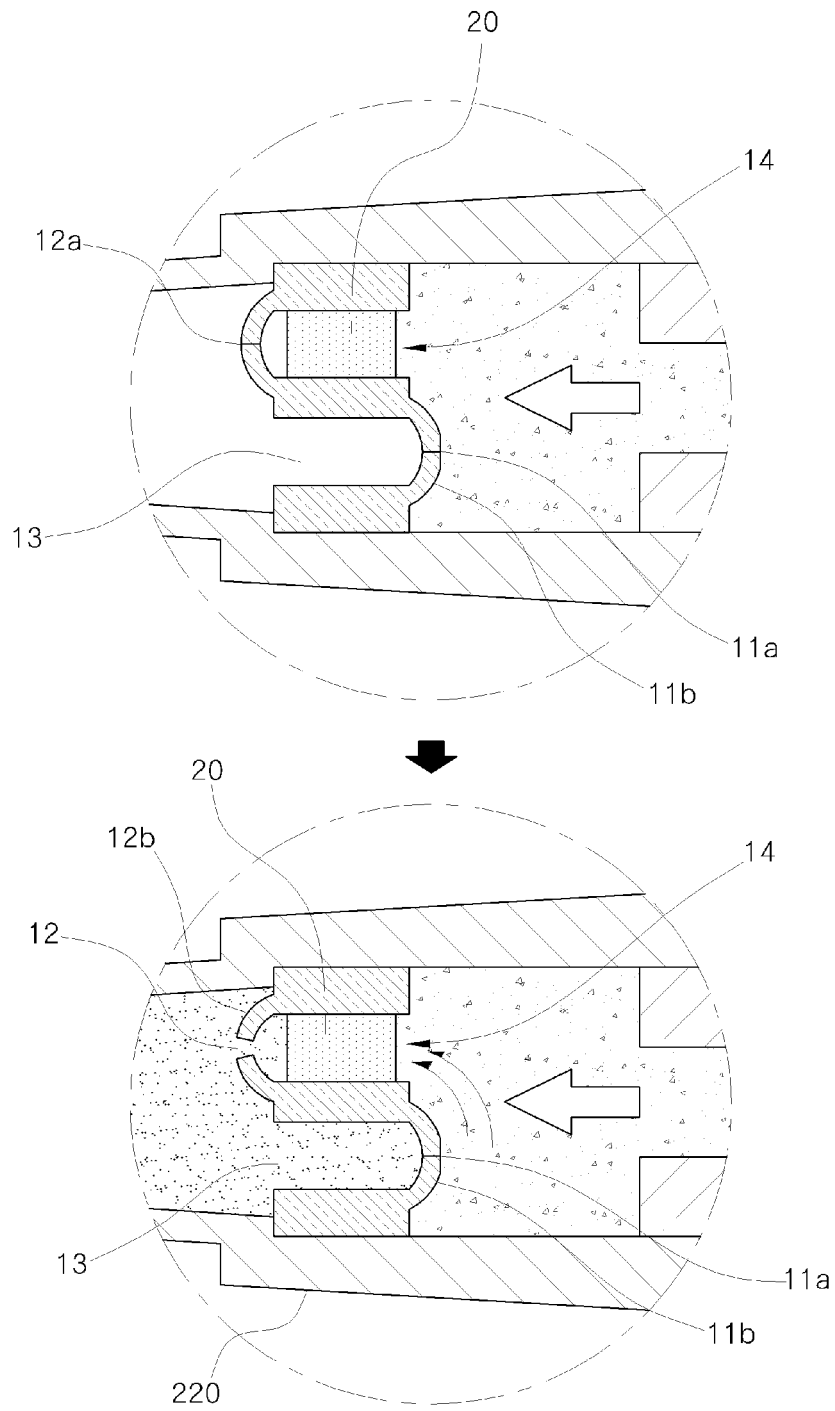
[Fig. 10]



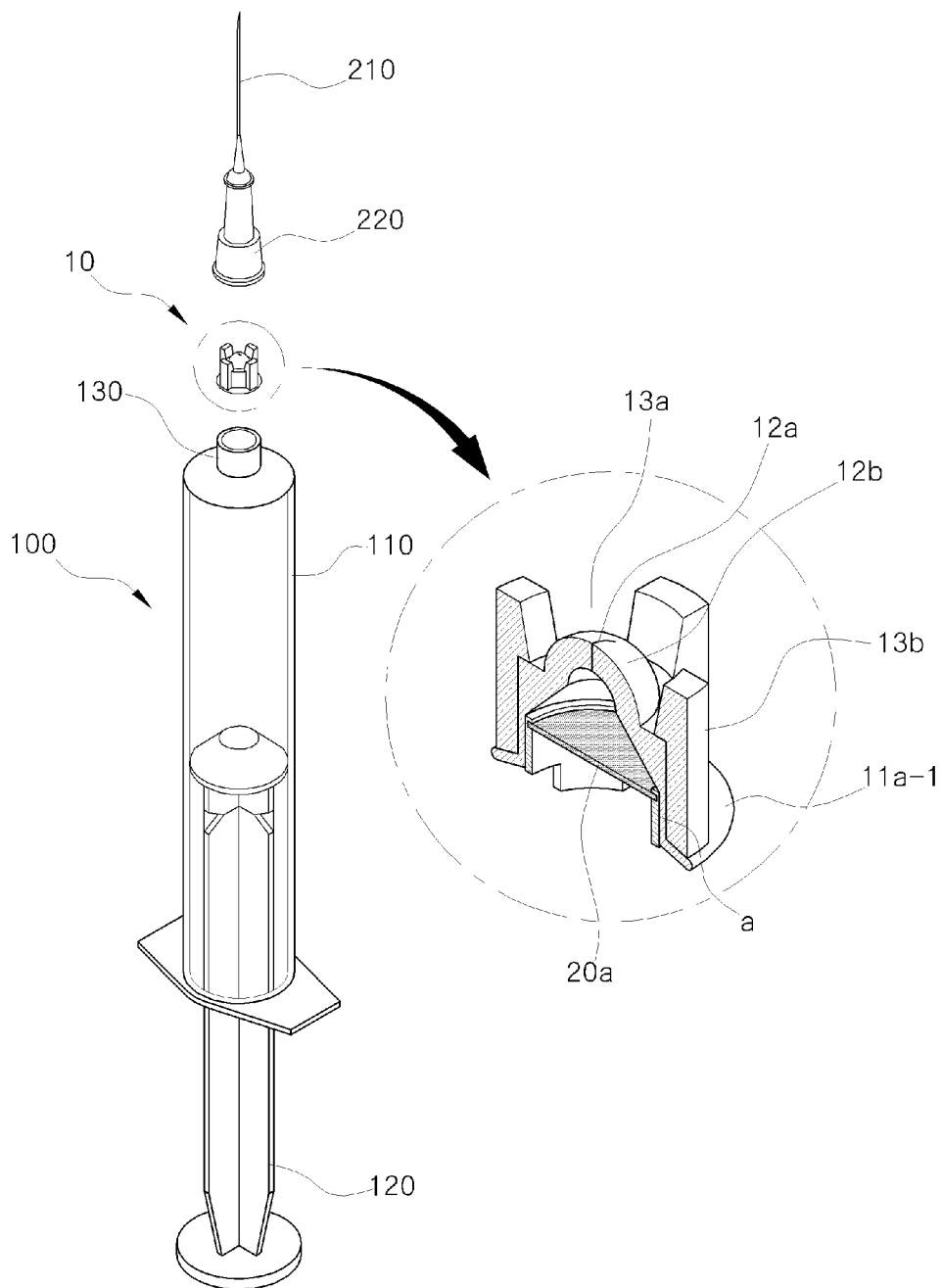
[Fig. 11]



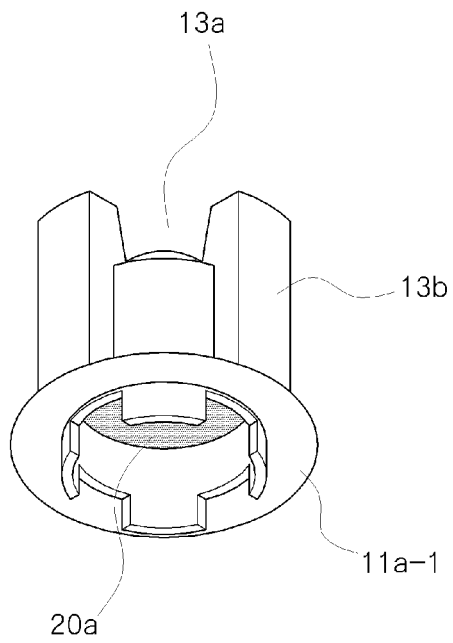
[Fig. 12]



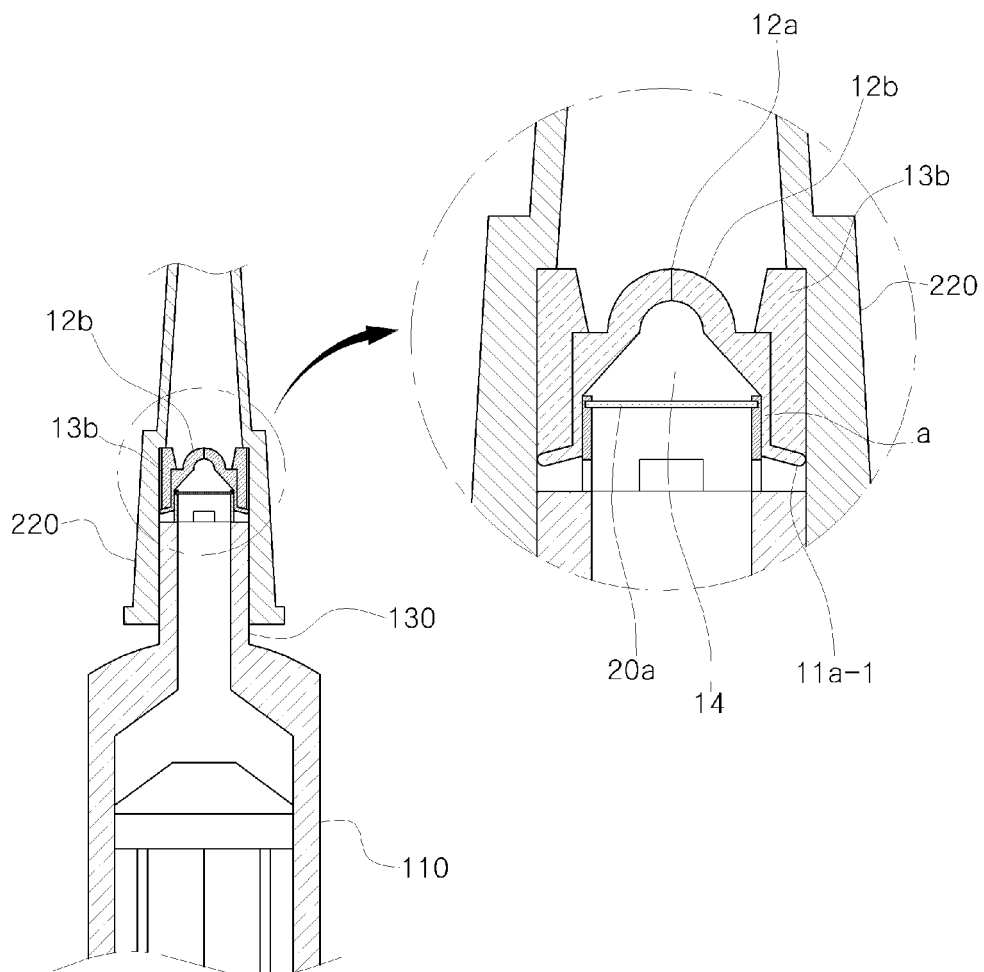
[Fig. 13]



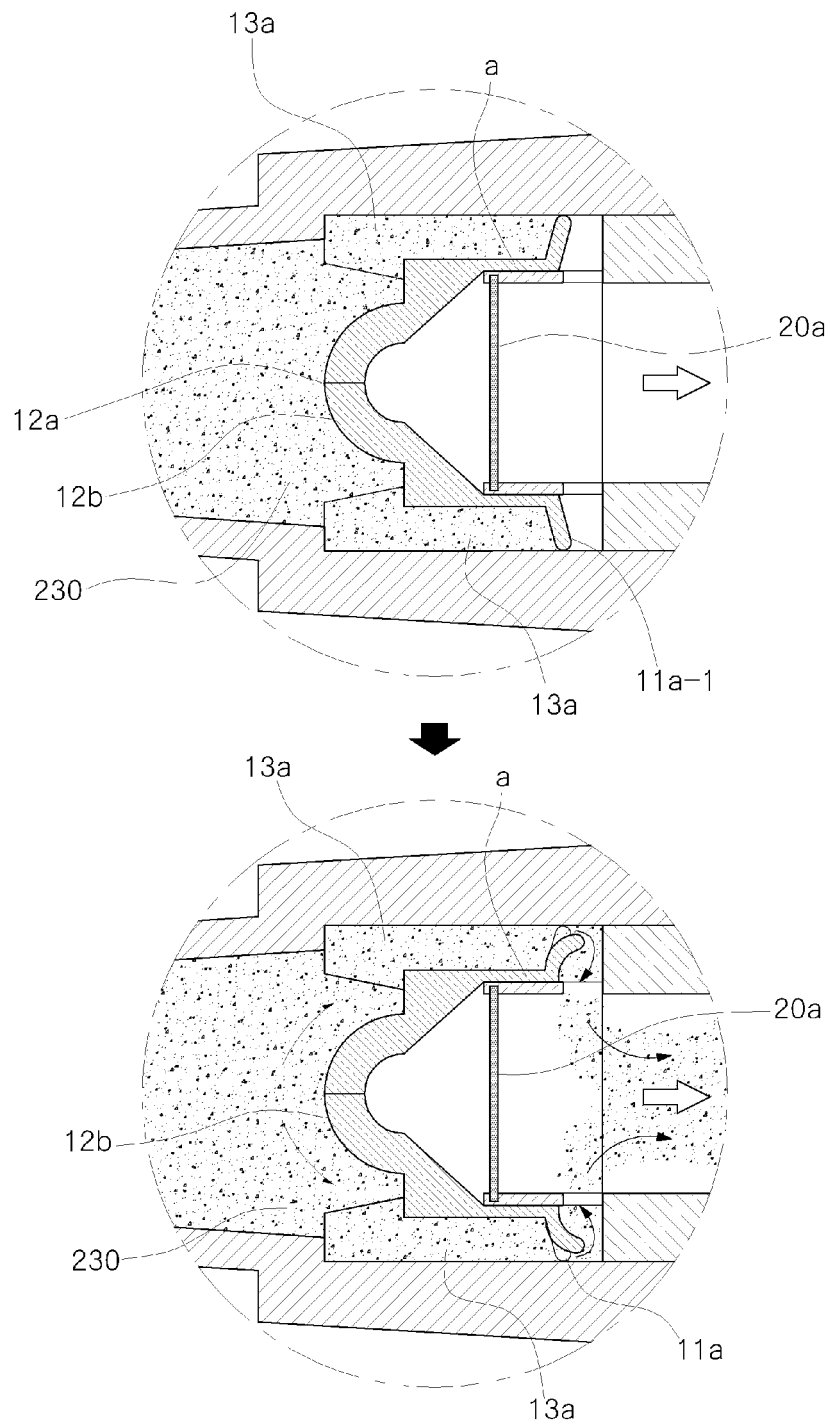
[Fig. 14]



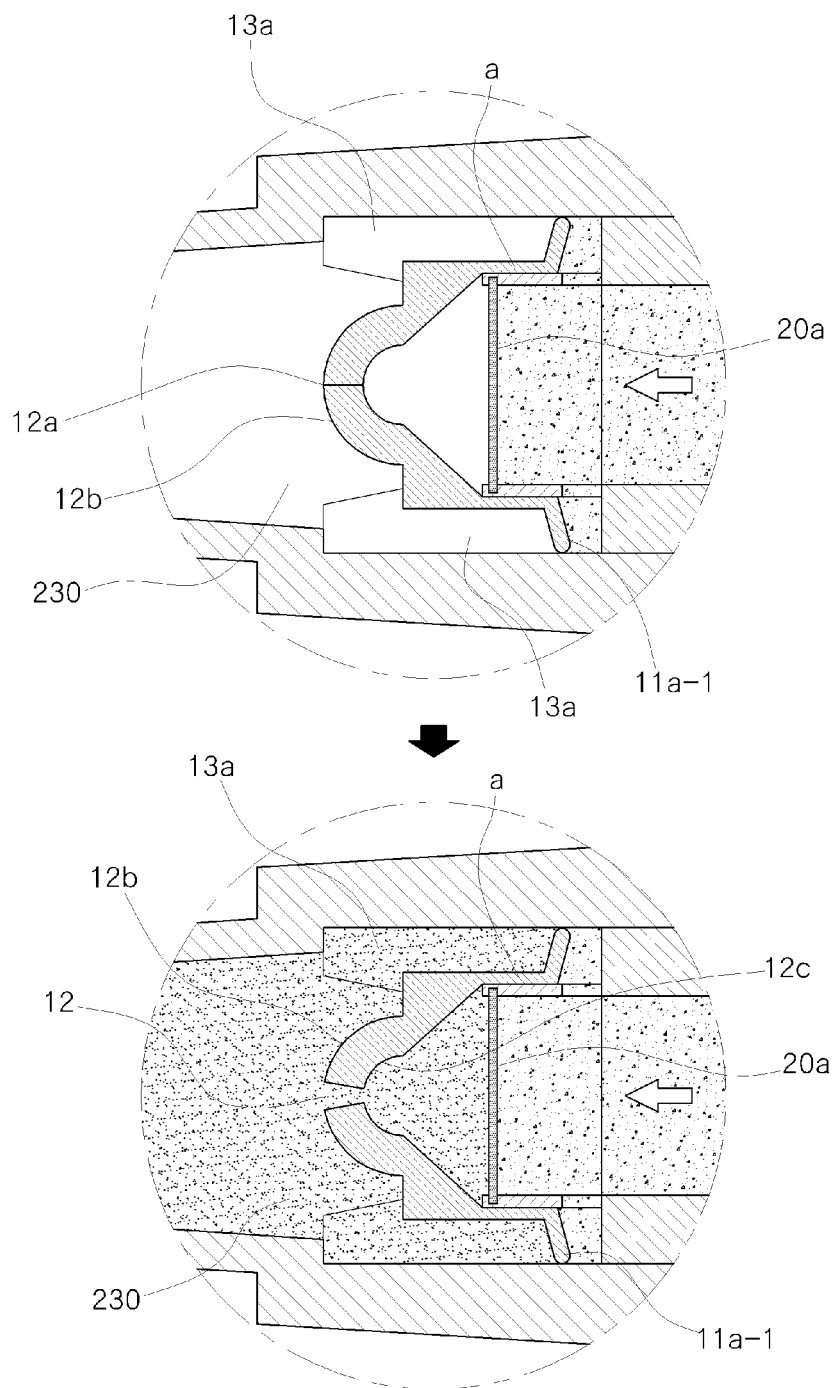
[Fig. 15]



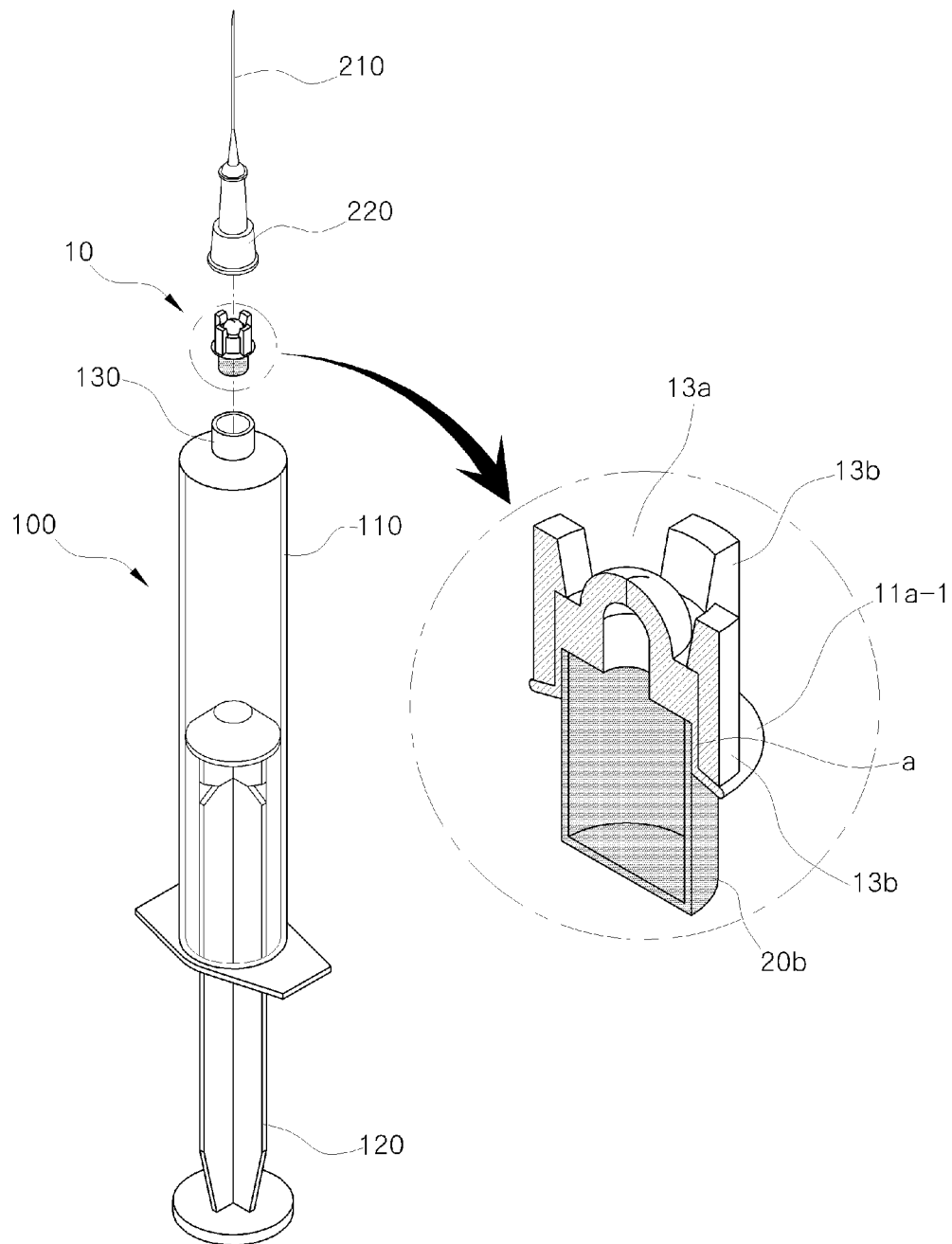
[Fig. 16]



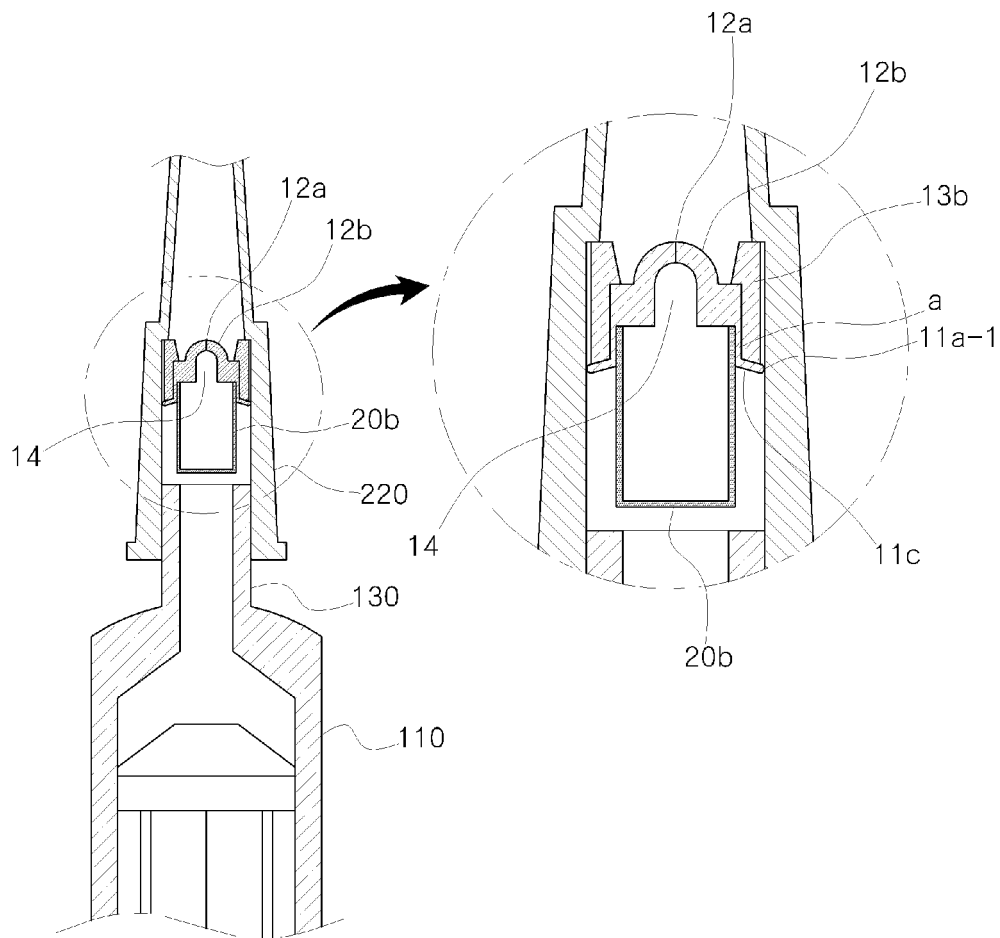
[Fig. 17]



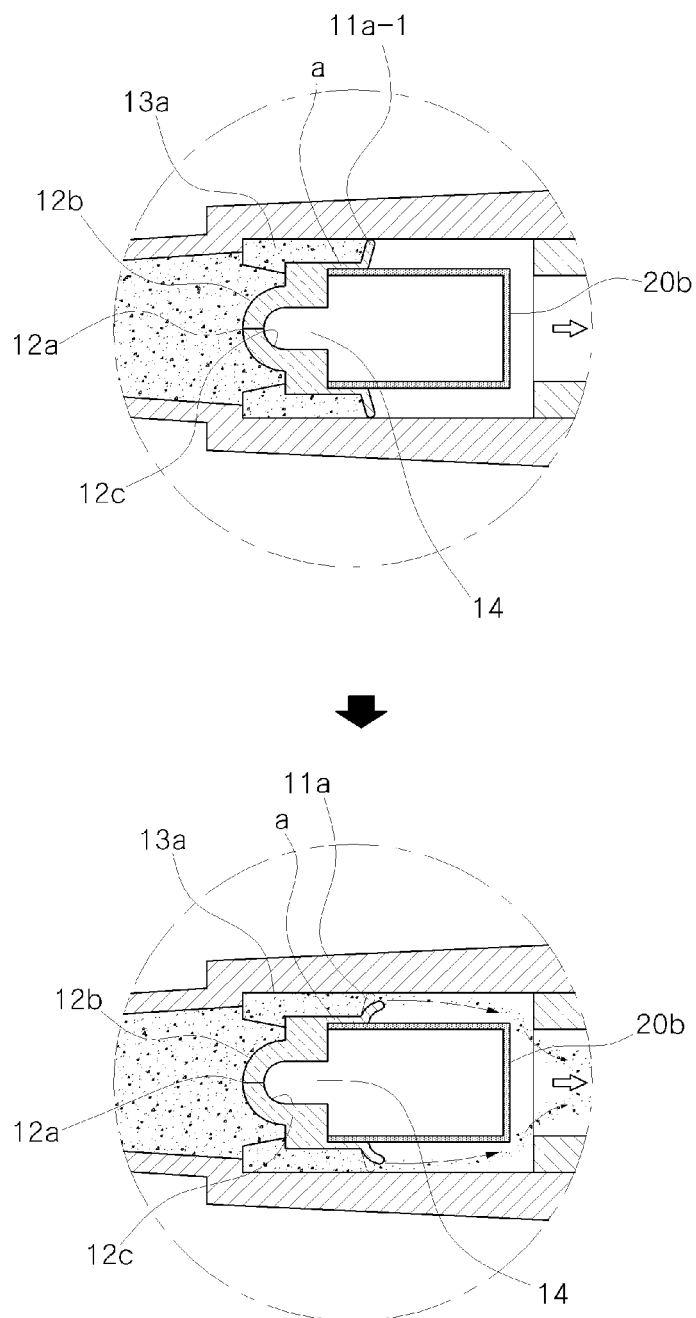
[Fig. 18]



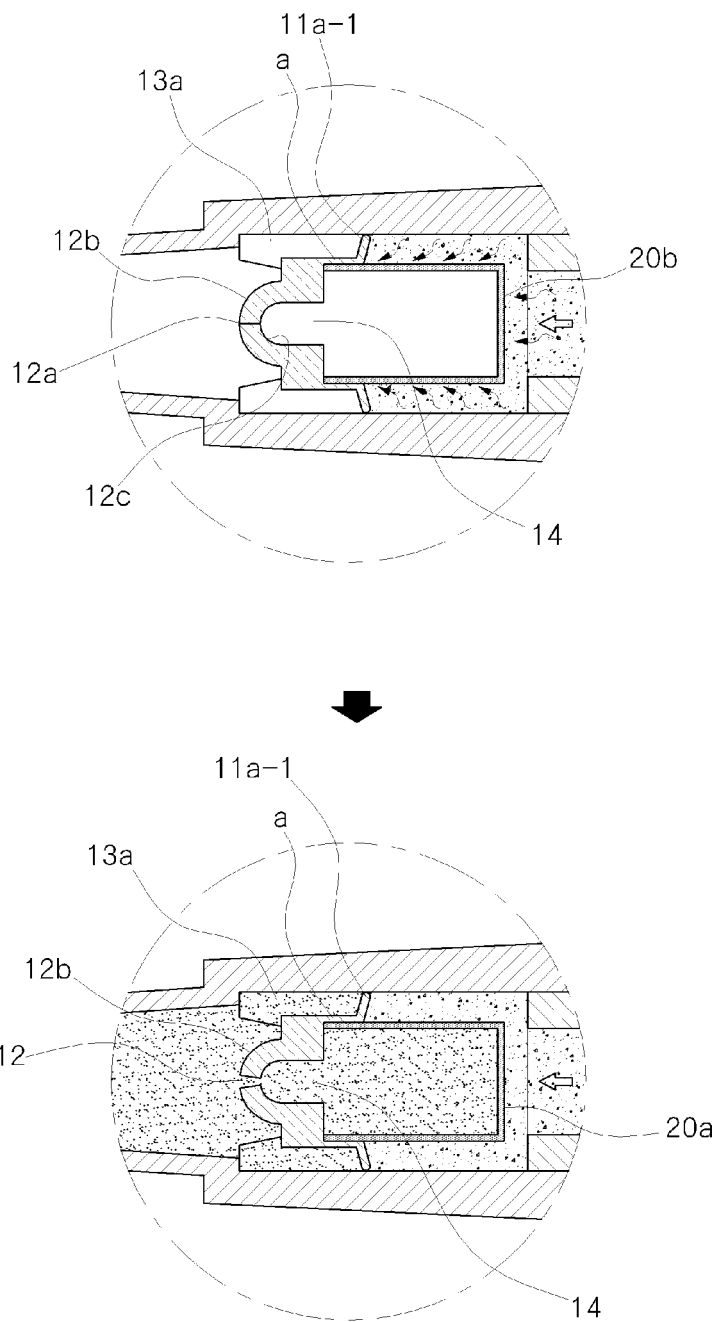
[Fig. 19]



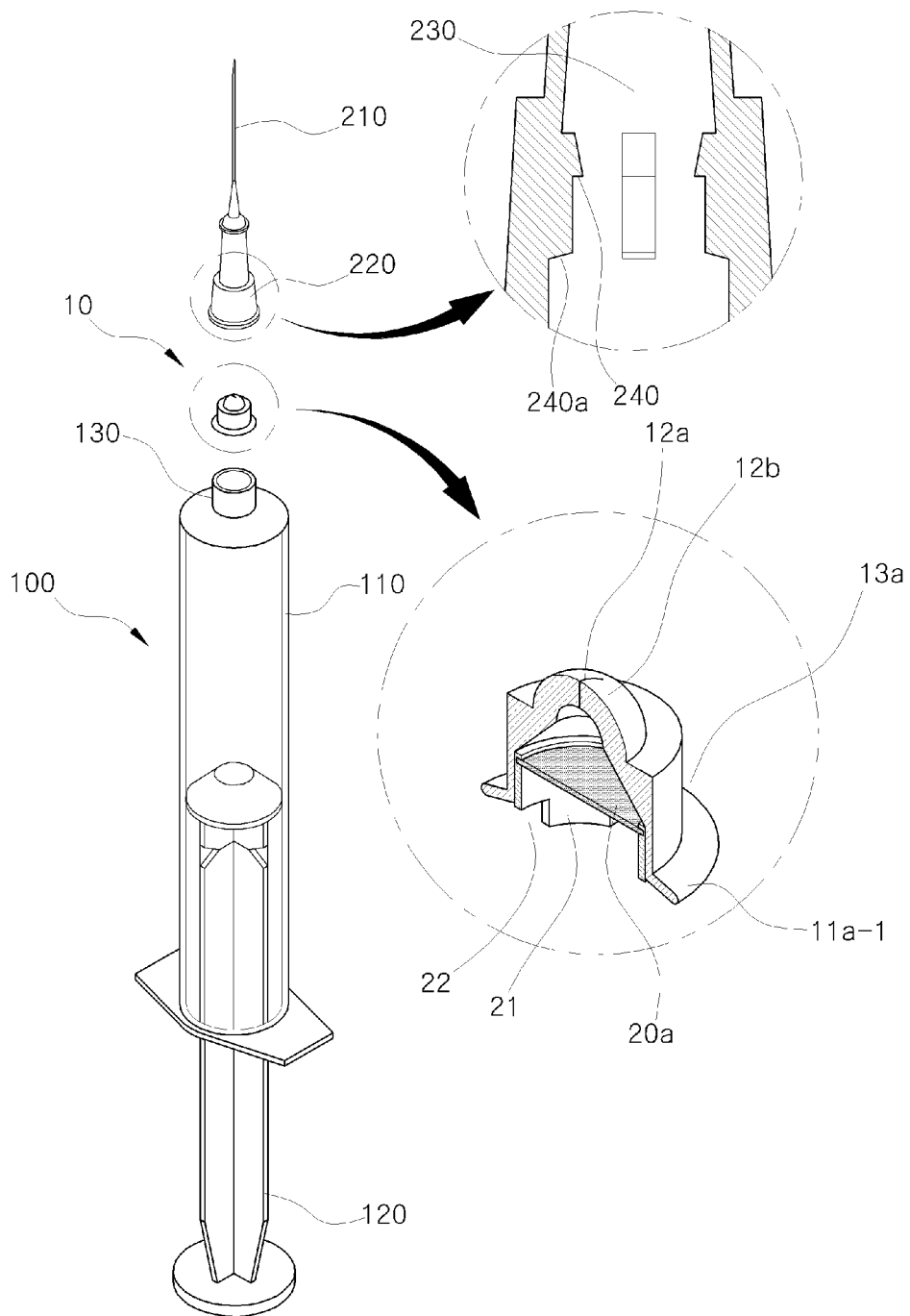
[Fig. 20]



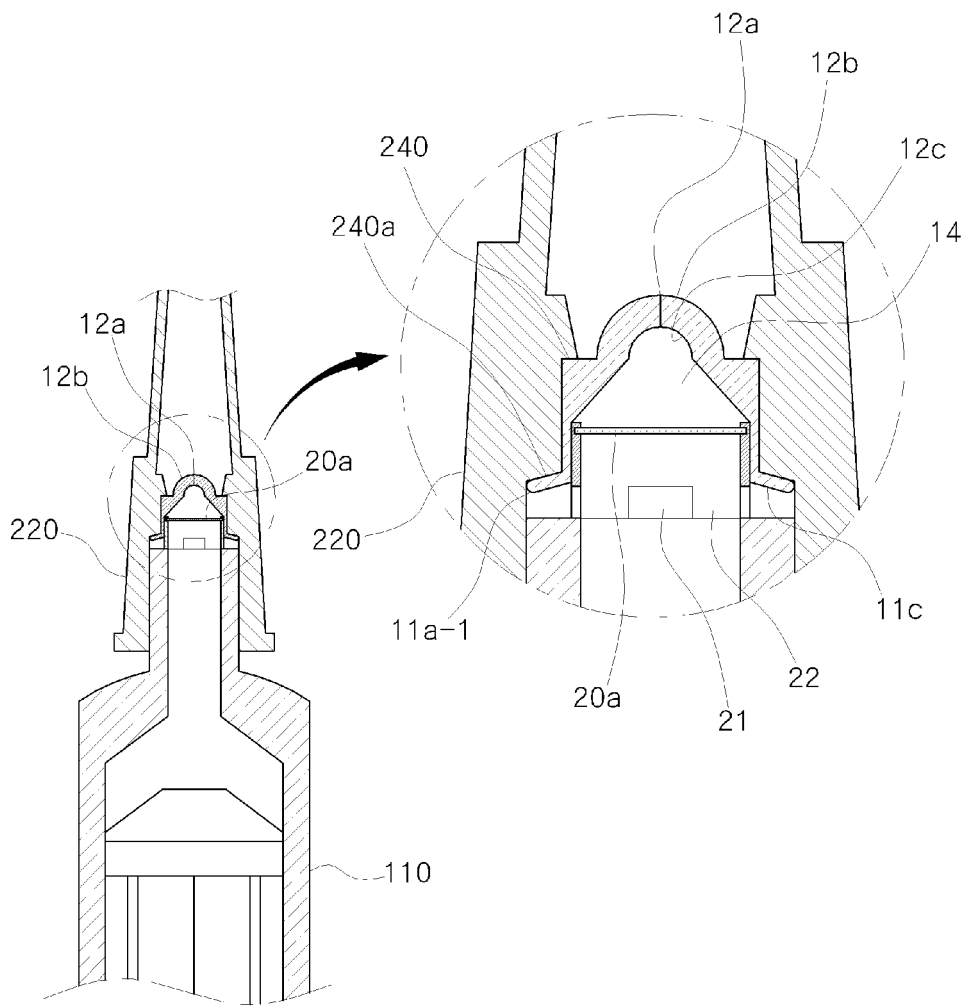
[Fig. 21]



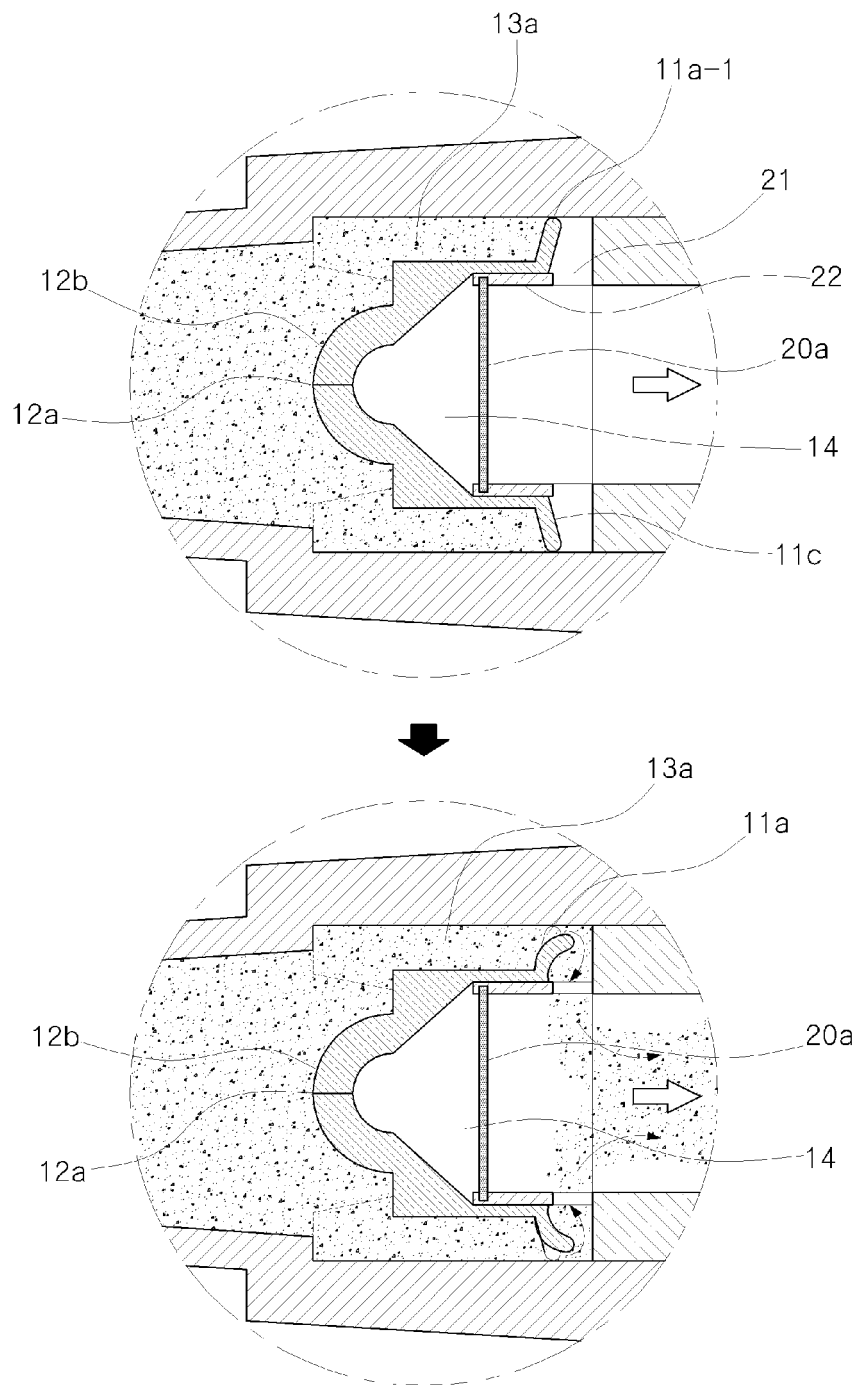
[Fig. 22]



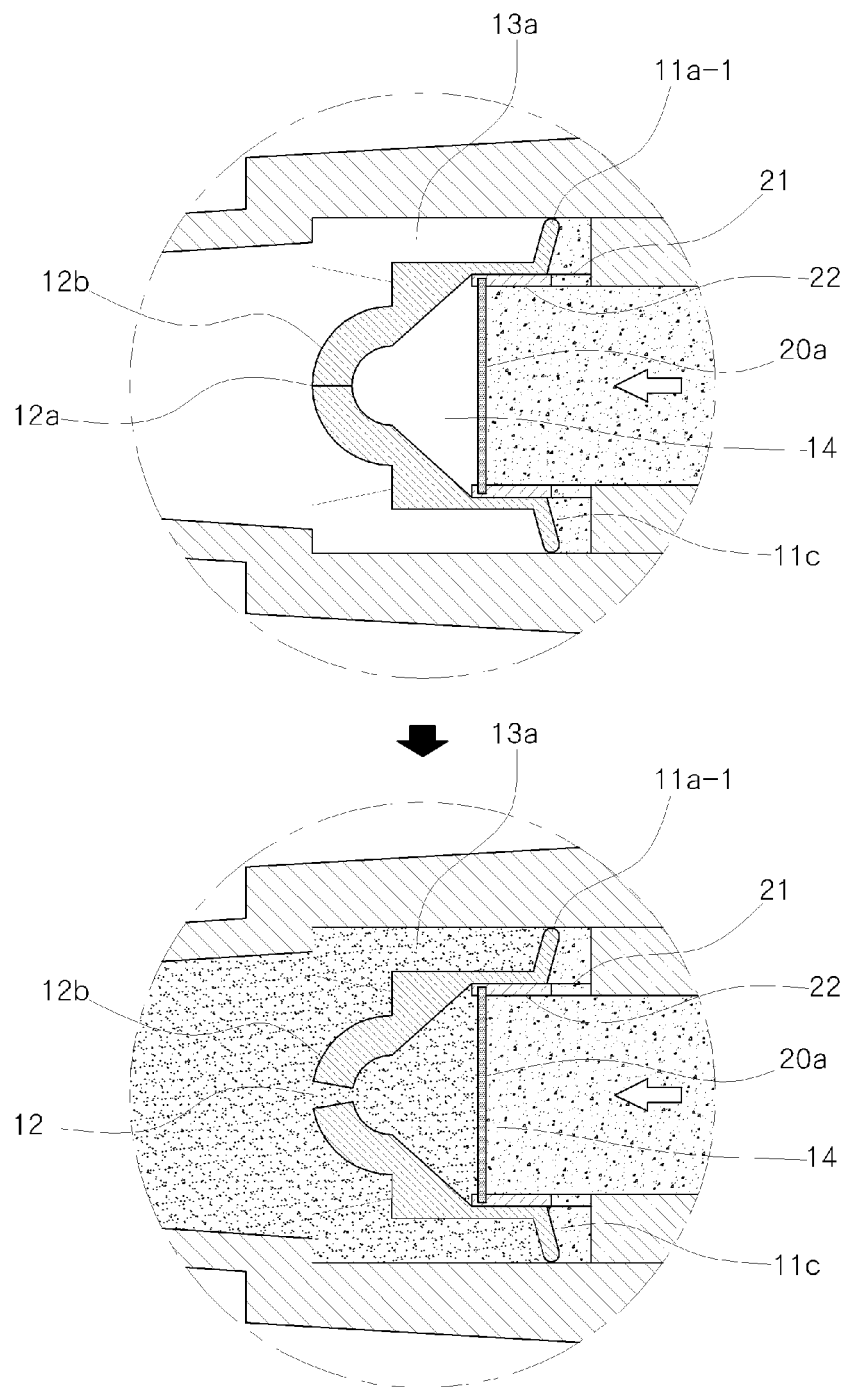
[Fig. 23]



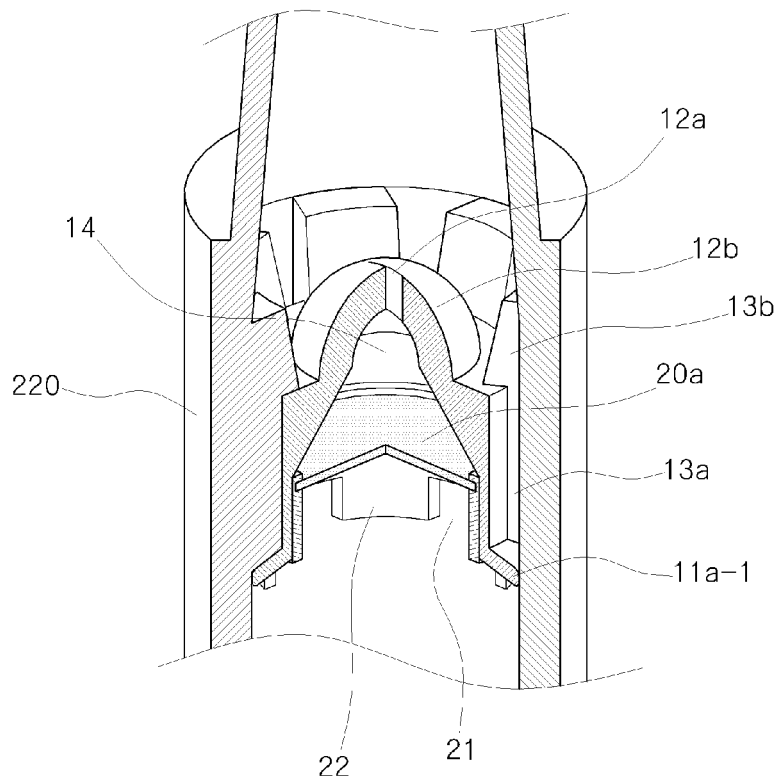
[Fig. 24]



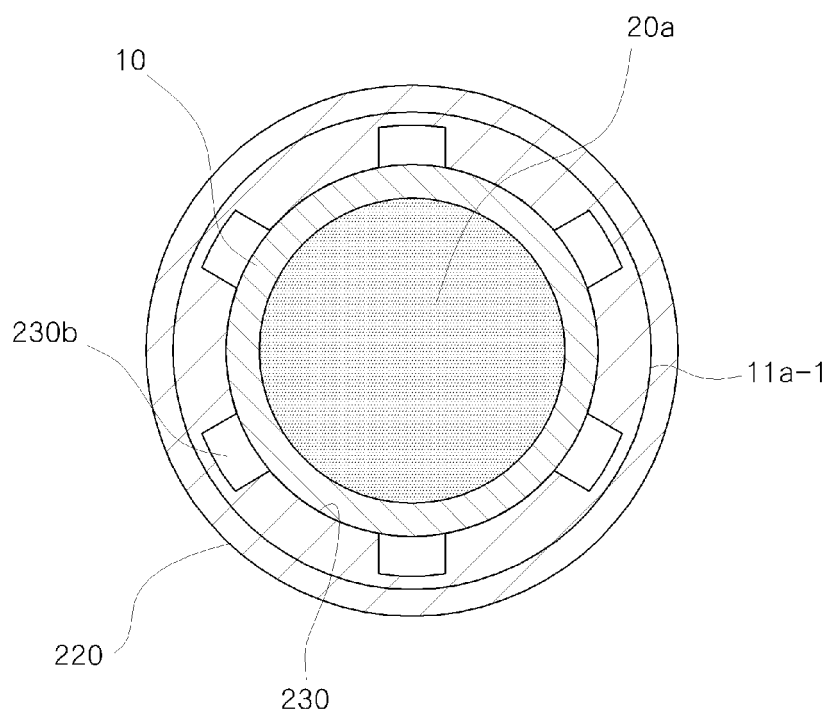
[Fig. 25]



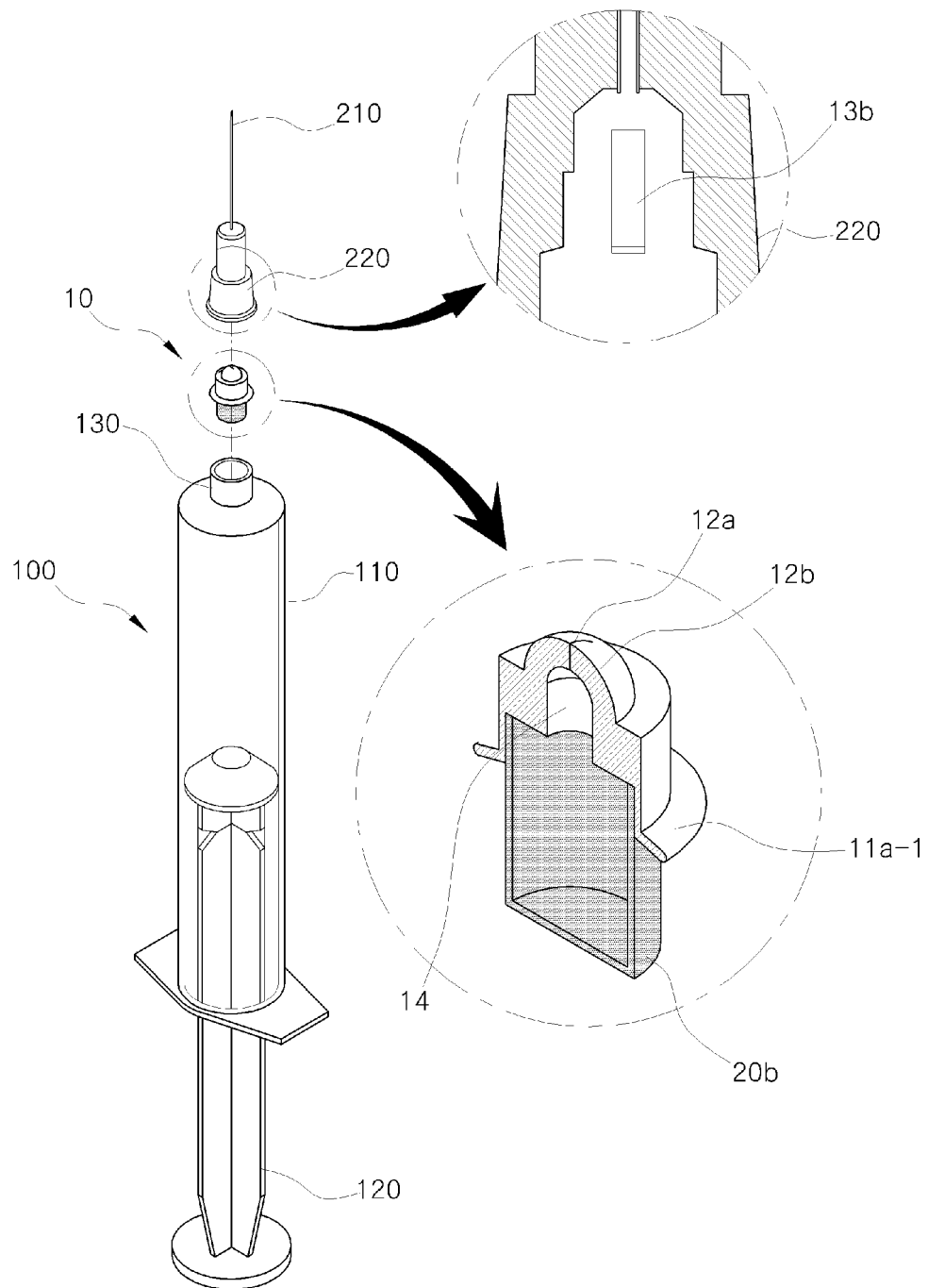
[Fig. 26]



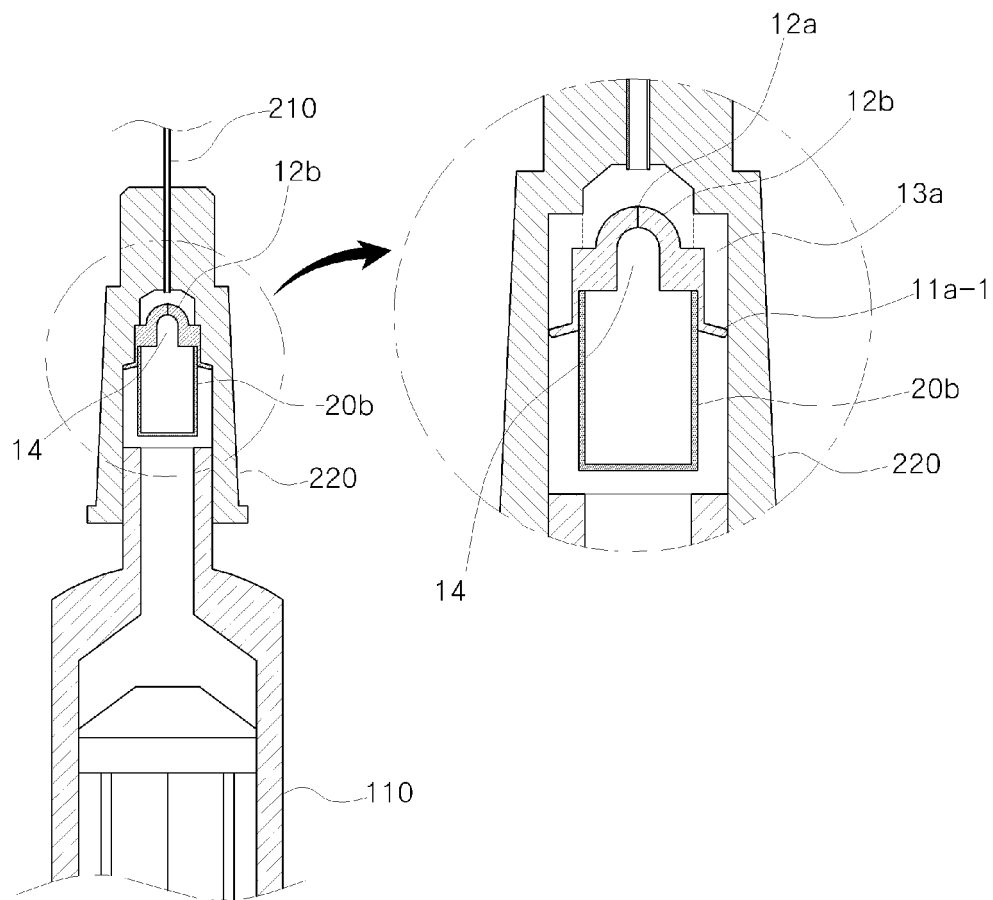
[Fig. 27]



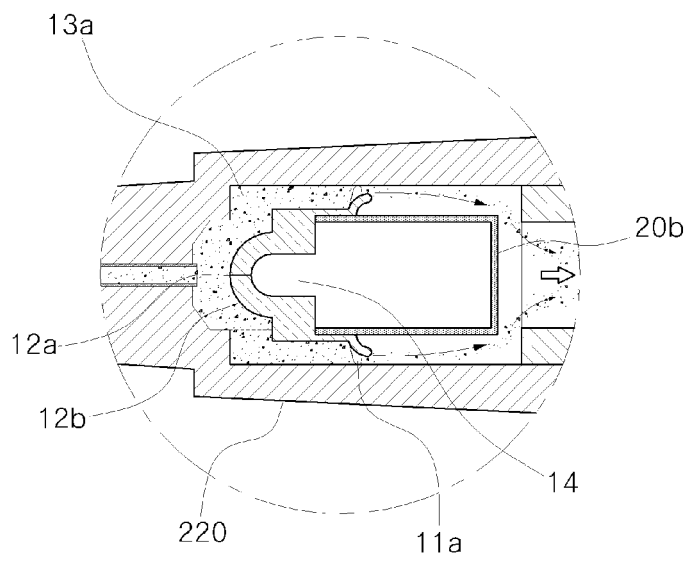
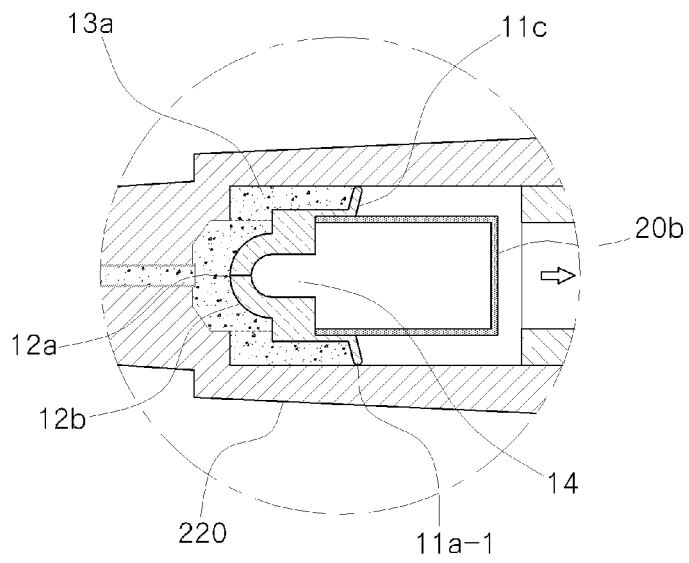
[Fig. 28]



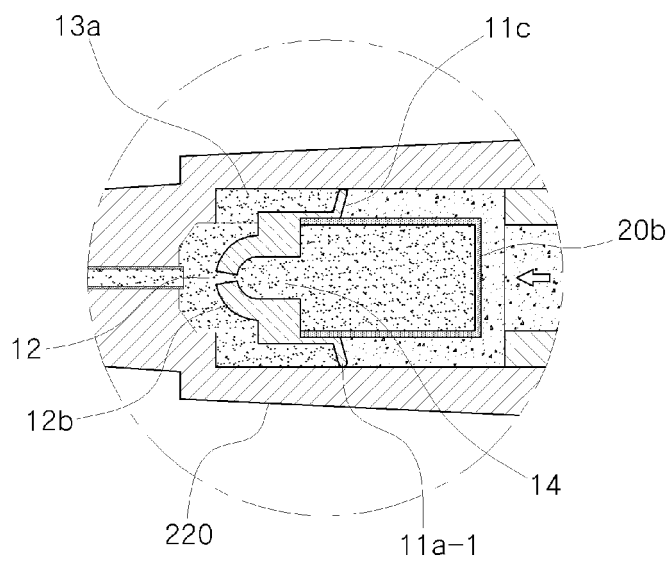
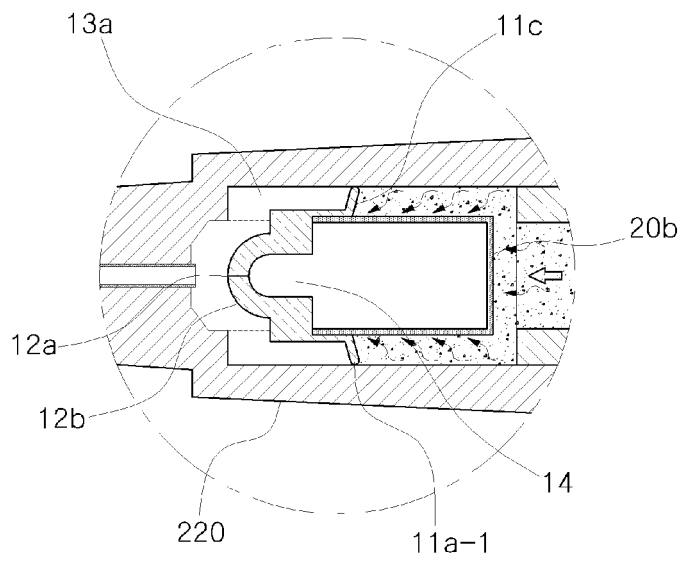
[Fig. 29]



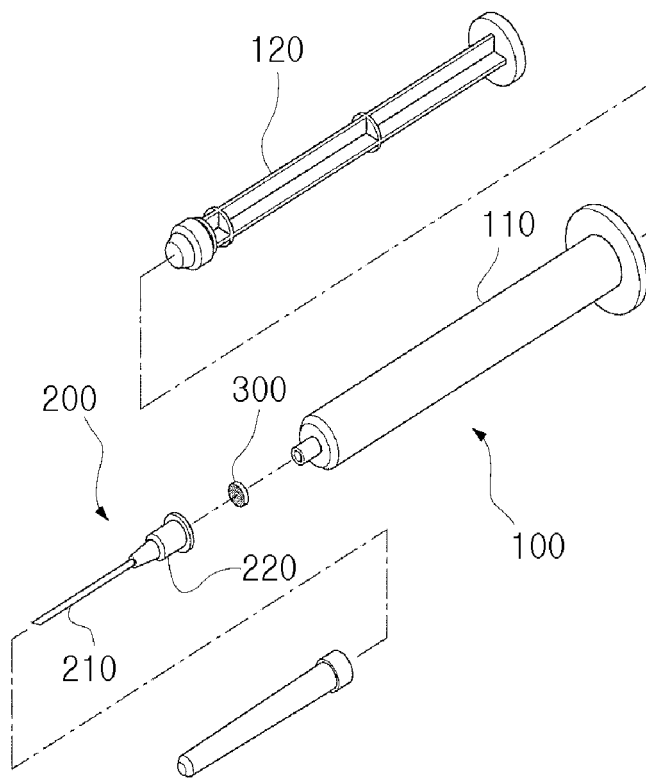
[Fig. 30]



[Fig. 31]



[Fig. 32]



[Fig. 33]

