

SELF RETRACTABLE WRITING UTENSIL WORKING MECHANISM

This is the original state
when not in use.

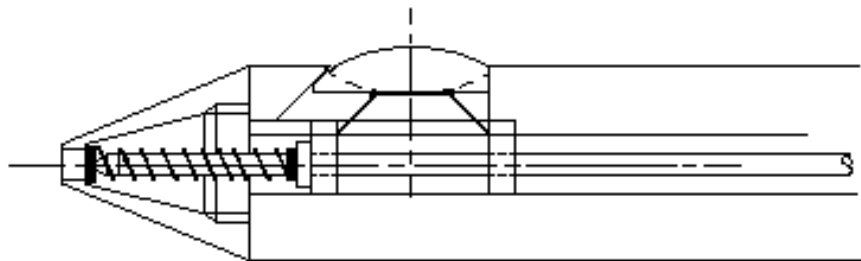
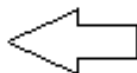
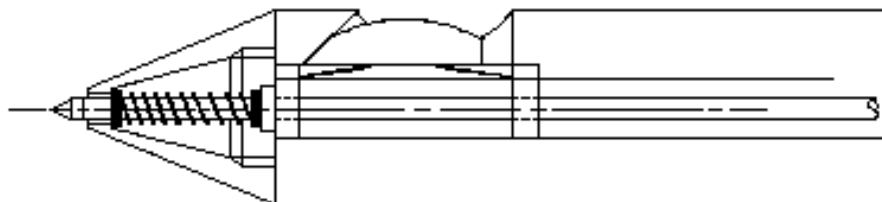


Figure 4

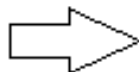
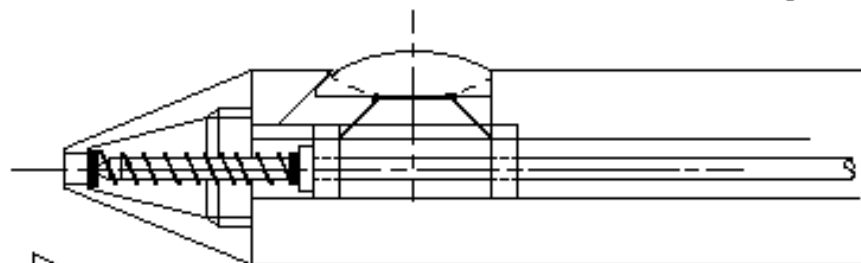
When the finger or thumb depress the
Actuator(44) the Self Retractable
lever(43) will push the front sleeve
(41) which pushes the Refill forward
and compressed the coiled spring.



The writing tip is push out of the front cap.

Figure 5

When the finger or thumb release
the Actuator(44) the self
retractable lever(43) will return
to it original state and pushes the
Actuator back up.



The Coiled Spring pushes the Refill back into the
front cap.

Figure 6

SELF RETRACTABLE WRITING UTENSIL COMPONENTS

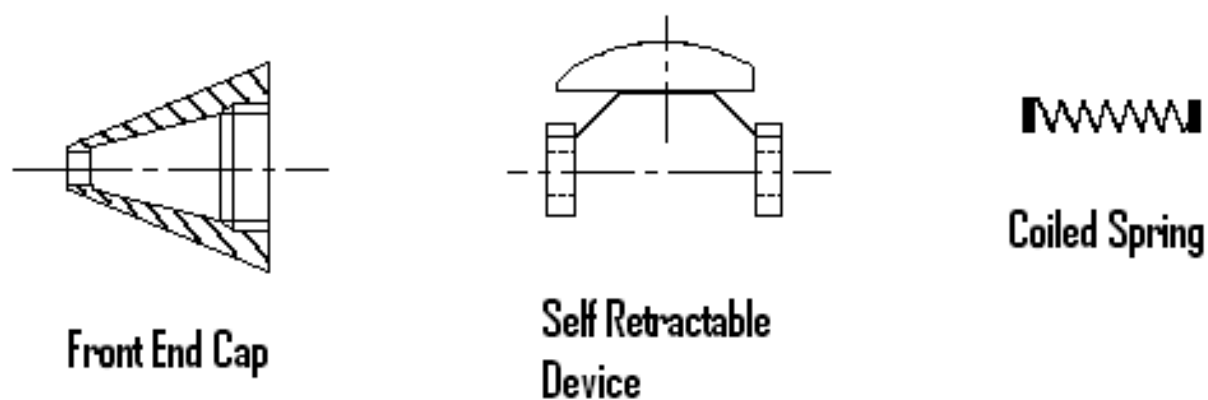
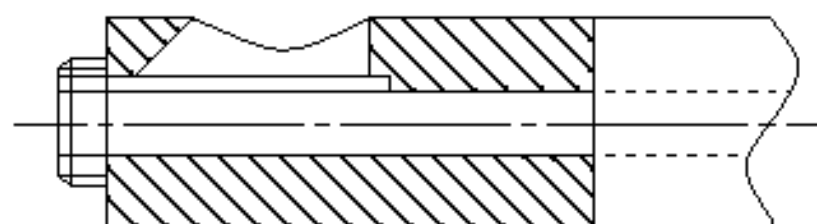
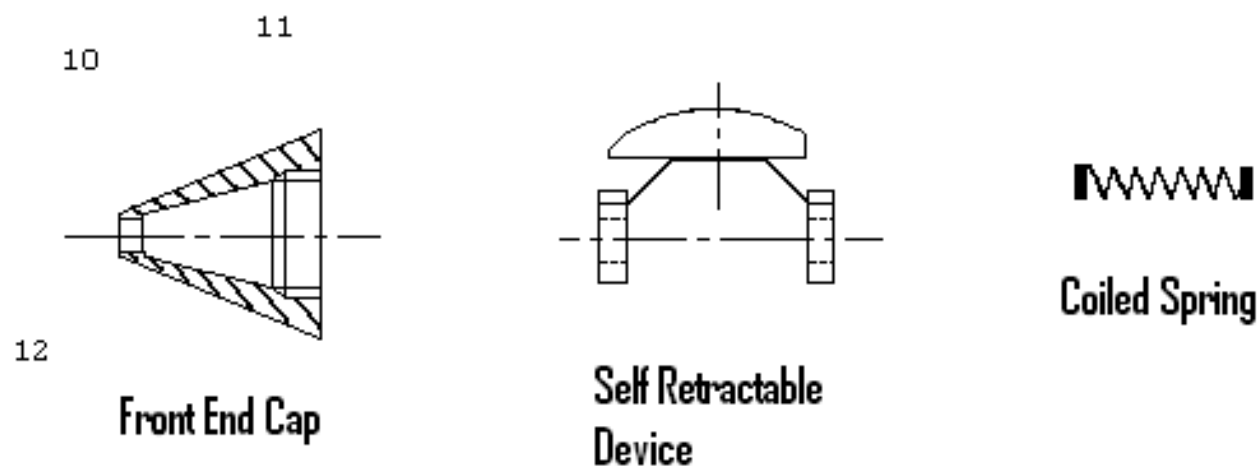
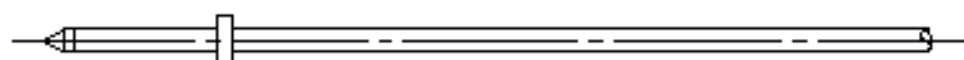


Figure 1

SELF RETRACTABLE WRITING UTENSIL COMPONENTS



Writing Utensil Housing



Ball Point Pen or Roller Pen Refill

Figure 2

SELF RETRACTABLE WRITING UTENSIL

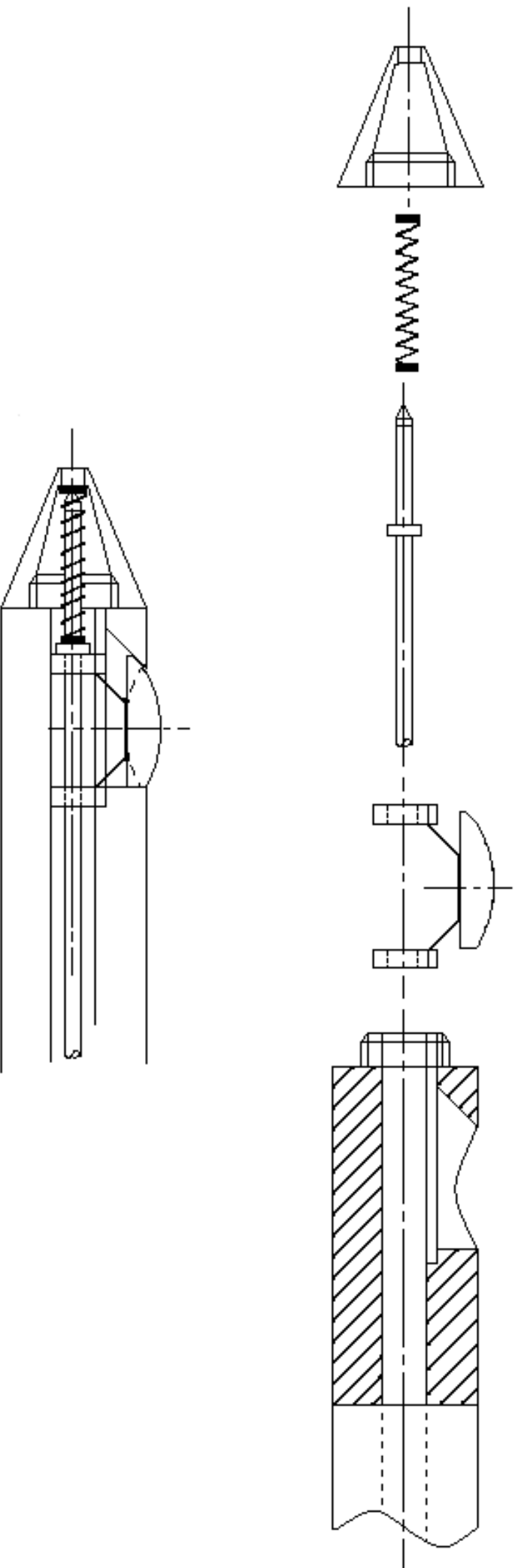


Figure 3