

(No Model.)

C. H. WOLF.  
AUTOMATIC LIGHTING DEVICE.

No. 453,456.

Patented June 2, 1891.

FIG: 1.

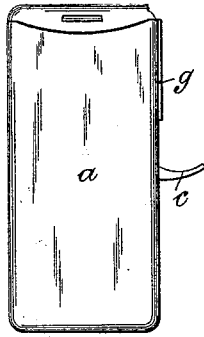


FIG: 3.

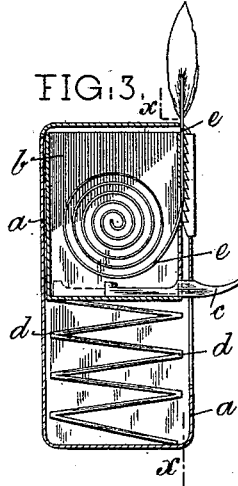


FIG: 2.

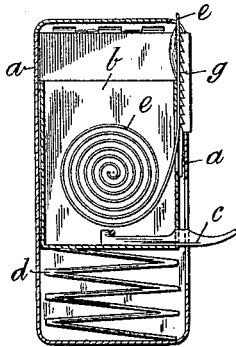


FIG: 4.

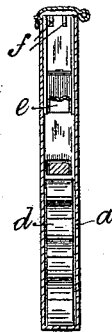


FIG: 6.



FIG: 7.

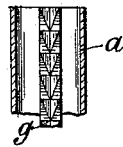


FIG: 5.

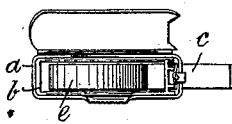
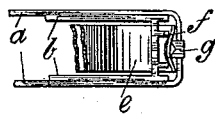


FIG: 8.



WITNESSES:

*J. C. [Signature]*  
E. W. Stewart

INVENTOR:

*Care H. Wolf*  
*By Henry Bennett*