

No. 640,852.

Patented Jan. 9, 1900.

W. ANGRESS.
IGNITING DEVICE FOR CYCLE LAMPS.

(Application filed Feb. 4, 1898.)

(No Model.)

Fig. 1.

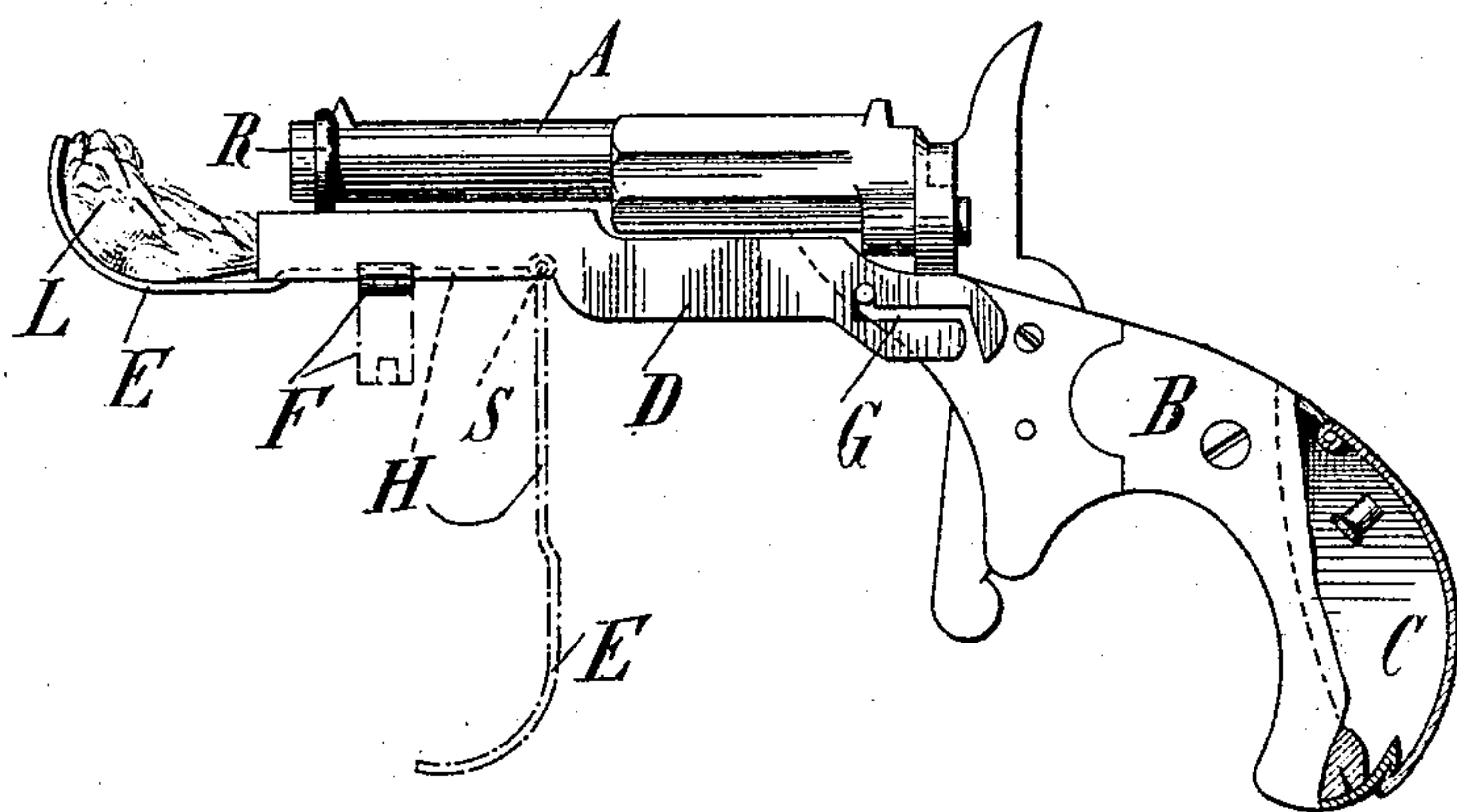
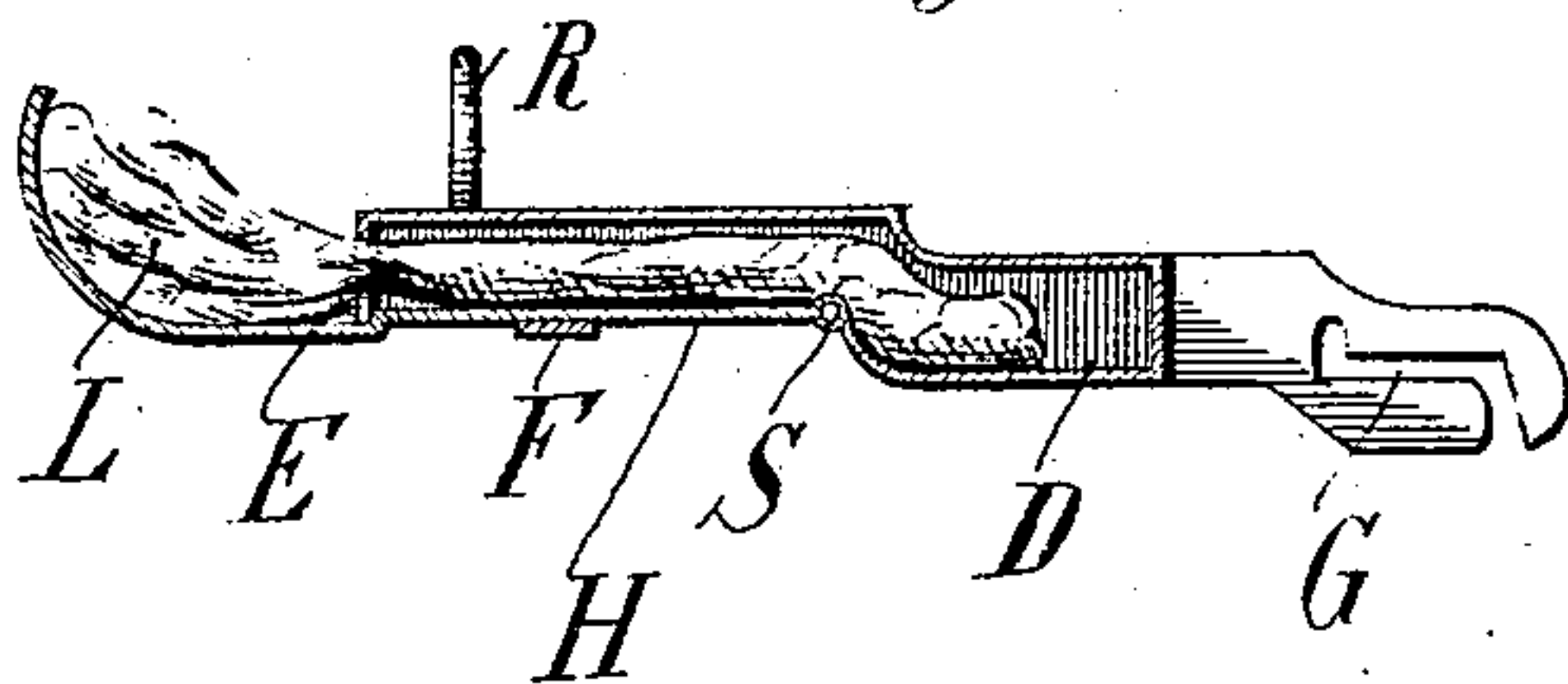


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

WILHELM ANGRESS, OF ROSENBERG, GERMANY.

IGNITING DEVICE FOR CYCLE-LAMPS.

SPECIFICATION forming part of Letters Patent No. 640,852, dated January 9, 1900.

Application filed February 4, 1898. Serial No. 669,062. (No model.)

To all whom it may concern:

Be it known that I, WILHELM ANGRESS, a subject of the King of Prussia, Emperor of Germany, residing at Rosenberg, in the Kingdom of Prussia and German Empire, have invented certain new and useful Improvements in Automatic Igniting Devices for Cycle-Lamps, (for which I have applied for patents in England, dated December 24, 1897, No. 30,525; in Belgium, dated December 20, 1897, No. 103,270; in Austria, dated December 21, 1897; in Hungary, dated December 29, 1897; in Germany, dated November 27, 1897, and in France, dated December 11, 1897, No. 260,796,) of which the following is a specification.

Many cycle-lamps heretofore known have the drawback that they could not be lighted in windy and rainy weather, because, on one hand, the wind blew out the match when the latter was ignited, and, on the other hand, the falling rain wetted the matches, and thus the latter could not be ignited.

Now the present invention, which has for its object to obviate the above-stated drawbacks in an easy manner and to light cycle-lamps with certainty even in the most boisterously windy and rainy weather, consists of a benzene-wick container in combination with a firearm (a revolver) and is illustrated in Figures 1 and 2 of the accompanying drawings.

Fig. 1 shows the benzene-wick container in combination with a revolver, the stock or handle of the revolver being partly in section. Fig. 2 is a sectional view of the actual igniting device—viz., the benzene-wick container. The benzene-wick container D carries on its upper part a firearm A, which is held fast by means of a ring R and a slot G.

The wick-container D, in which is situated a wick L, saturated with readily-ignitable liquid, has a bottom H, which can be made to fold down on a hinge S, and which is itself fixed by means of a fastening F to the wick-container, and has for its object to be folded down, so as to allow of the wick-container being recharged as required from time to time. In the front part of the container D there is provided an aperture M, through which the wick L can be drawn forward to a sufficient

extent so as to bear against the nose E of the lower part H of the fastening, which part is situated opposite the aperture M at a suitable distance from the latter.

In order to light the lamp, a percussion-cap is placed in the firearm, which is mounted on the upper part of the benzene-wick container D. On releasing or snapping the hammer the benzene-wick becomes ignited and by this ignition serves to ignite also the wick of the lamp.

The handle or stock B of the firearm A is formed with a cavity for the reception of percussion-caps, which cavity is adapted to be closed by means of a curved strap or clip working on a hinge or by any other means, with the object of allowing of a convenient mode of carrying the percussion-caps.

The igniting device, with the firearm, may also be arranged in a rotatable manner in the lamp or in an upright or any other suitable manner.

When it is desired to employ the firearm A directly as such, it is merely necessary to turn down the lower part of the wick-container with its nose, whereupon the muzzle of the barrel of the firearm is free for use.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. An igniting device consisting of a firearm or revolver having attached thereto a casing or container for a wick or primer, said casing having an opening through which the wick may be drawn to be presented in front of the barrel of the firearm.

2. An igniting device consisting of a firearm or revolver having attached thereto a casing or retainer for a wick, an opening in said casing through which the wick may be drawn, and a nose or apron upon which the withdrawn end of the wick may rest, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

WILHELM ANGRESS.

Witnesses:

CARL WEBER,
ERNST WIATZ.