

I. N. CLAWSON.

CIGAR LIGHTER.

No. 190,196.

Patented May 1, 1877.

Fig 1.

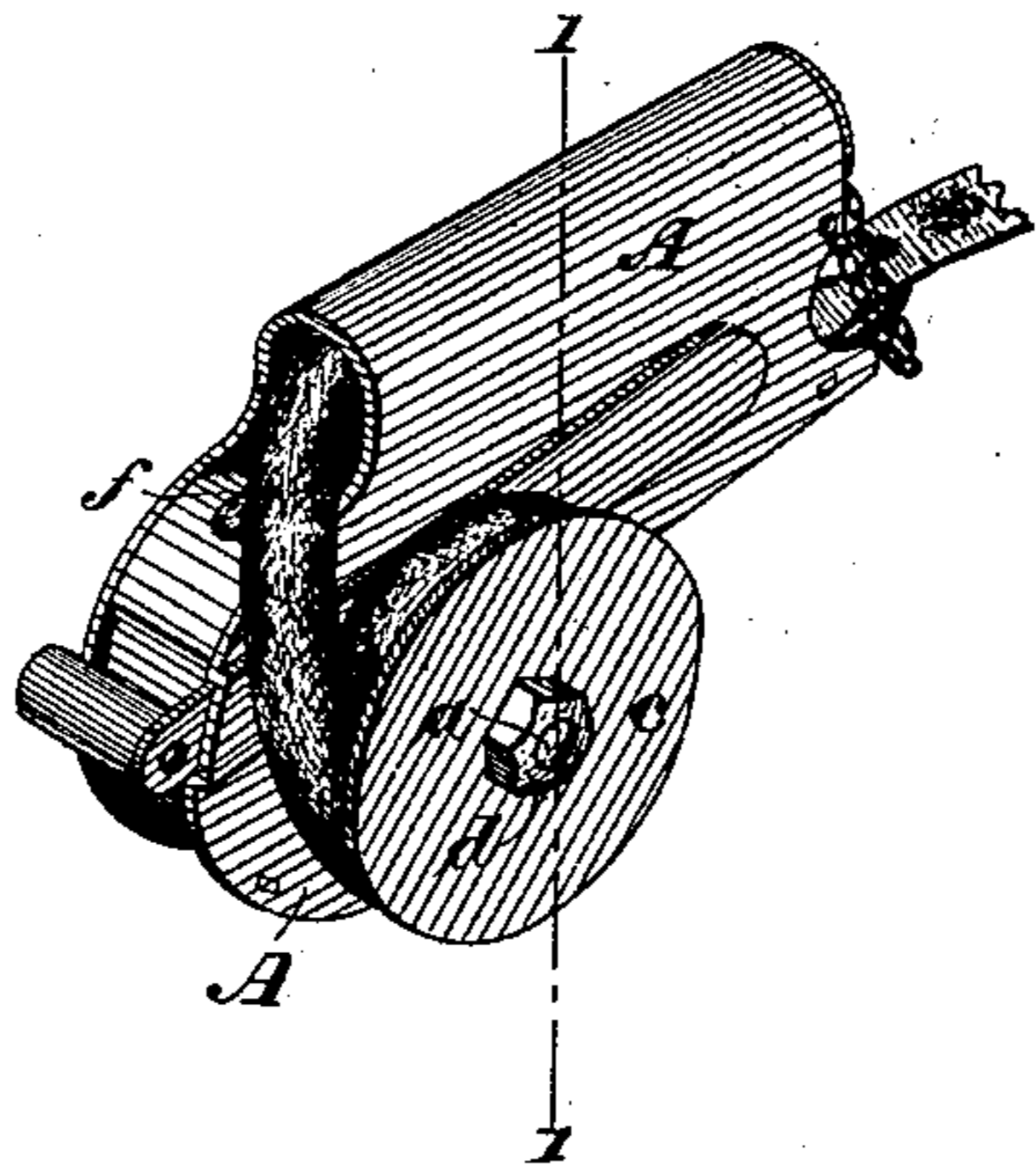
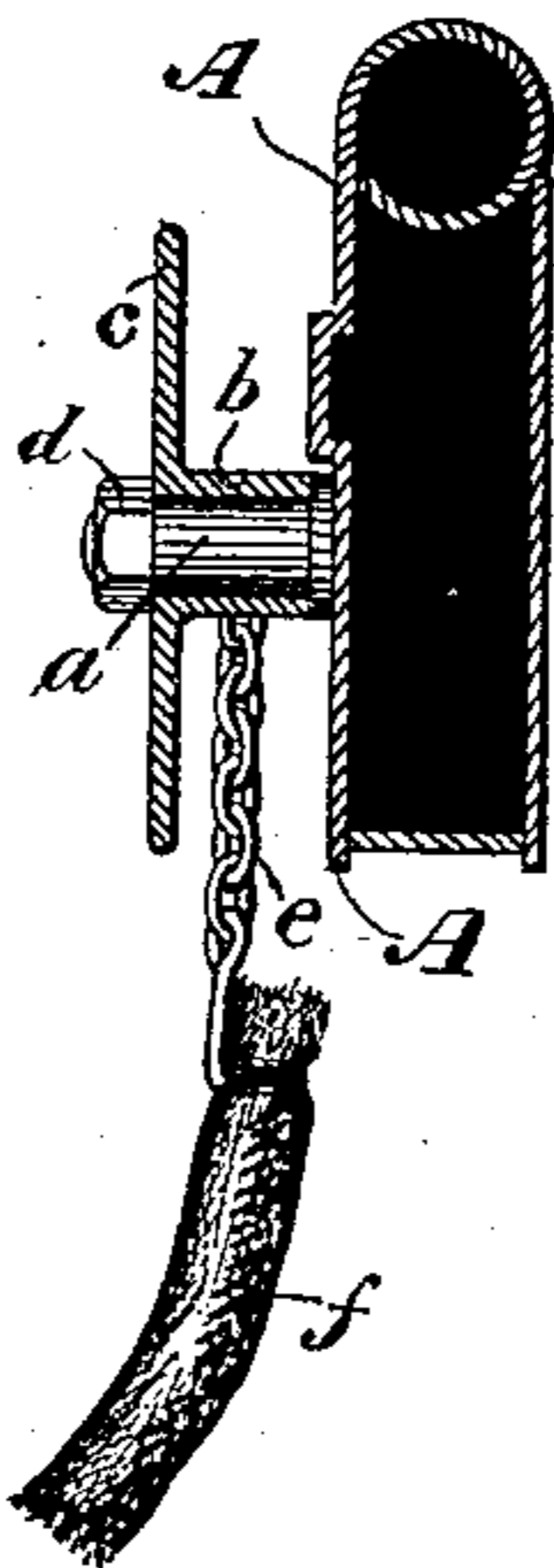


Fig 2



WITNESSES

Wm A. Skinkle.
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INVENTOR

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By *his* Attorney

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UNITED STATES PATENT OFFICE.

IRA N. CLAWSON, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CIGAR-LIGHTERS.

Specification forming part of Letters Patent No. **190,196**, dated May 1, 1877; application filed April 7, 1877.

To all whom it may concern :

Be it known that I, IRA NEAL CLAWSON, of the city and county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in Cigar-Lighters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, which makes a part of this specification, and in which—

Figure 1 is a view, in perspective, of a cigar-lighter with my improvement attached; and Fig. 2, a section therethrough on the line 1 1.

My invention relates to that class of cigar-lighters in which an adjustable tinder is ignited by means of a percussion-tape. Its object is so to secure and pack the tinder as to render it capable of being carried in the pocket with other articles without liability of becoming entangled therewith; and the improvement consists in attaching to the shell or case of the lighter a drum or collar upon which to wind and pack the tinder.

To the shell or casing A of a cigar-lighter is secured a stud, *a*, by riveting, soldering, or otherwise, and upon this stud is placed a collar, *b*, having an annular disk, *c*, at one end. The drum, with its disk, is secured upon the stud, in this instance, by a nut, *d*, upon the end of the stud; but it may be secured in any other well-known way. A chain or

cord, *e*, is secured at one end to the drum, and at the other to one end of the tinder *f*, by means of a hook, or in any other suitable manner.

It will be seen that instead of the drum or collar turning on the stud, the stud itself might be made to turn, and the disk might be secured to the stud; and instead of an annular disk, any piece or plate of metal that will prevent the escape of the tinder and serve to turn the drum by might be employed.

The disk not only prevents the escape of the tinder from the drum, but serves as a shield thereto, and as the means for turning the drum to wind and pack the tinder, or to unwind and unpack the same.

What I claim as my invention, and desire to secure by Letters Patent, is—

The device, substantially as hereinbefore described, for securing and packing the tinder in cigar-lighters, consisting of a drum upon which to wind and pack the tinder, having an annular disk at one end to prevent the escape of the tinder, and which serves as a shield thereto, and as the means for operating the device.

IRA NEAL CLAWSON.

Witnesses:

ERASTUS POULSON,
W. H. POULSON.