

J. W. CORE.
Curtain Fixture.

No. 220,807.

Patented Oct. 21, 1879.

Fig. 1

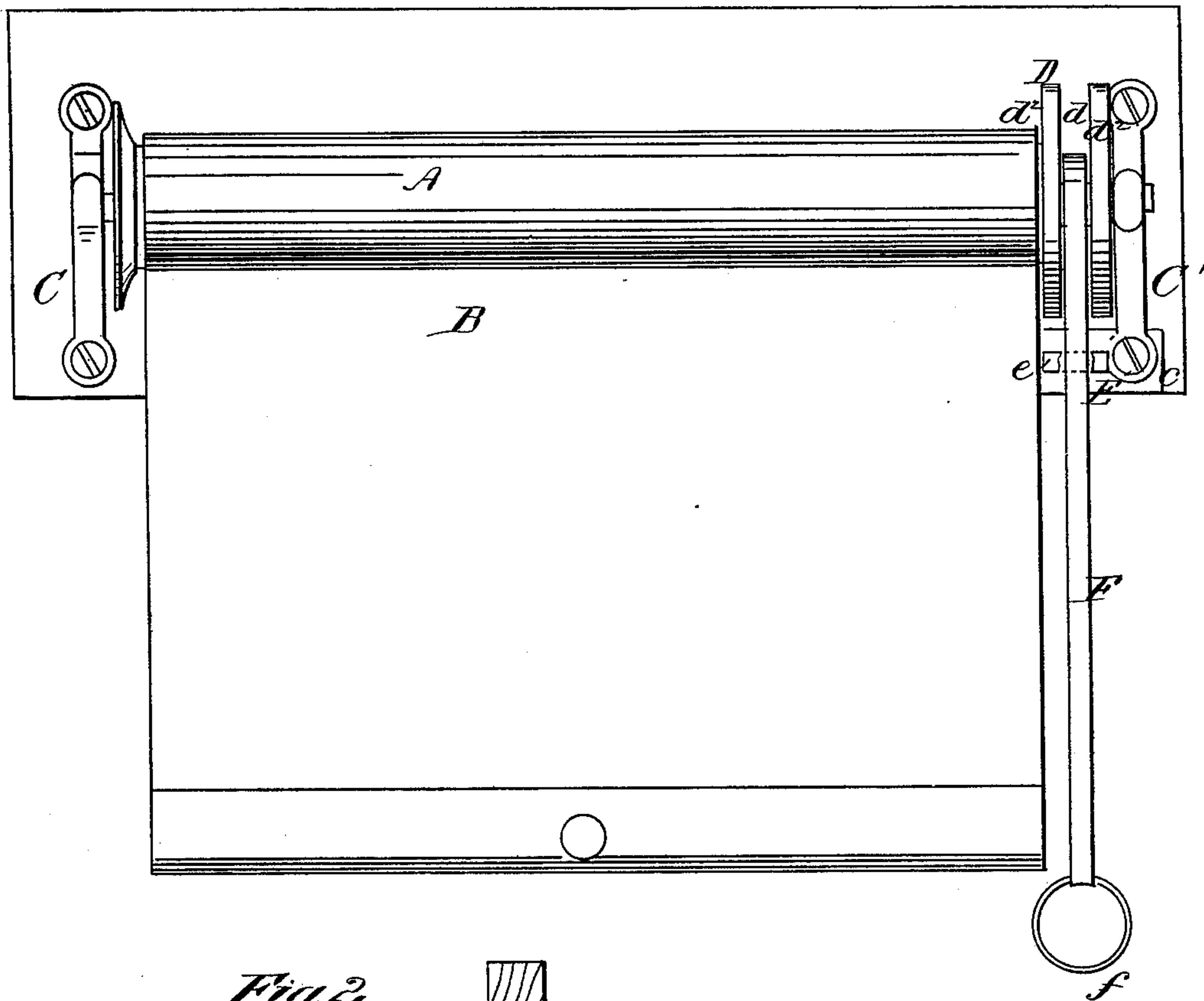


Fig. 2

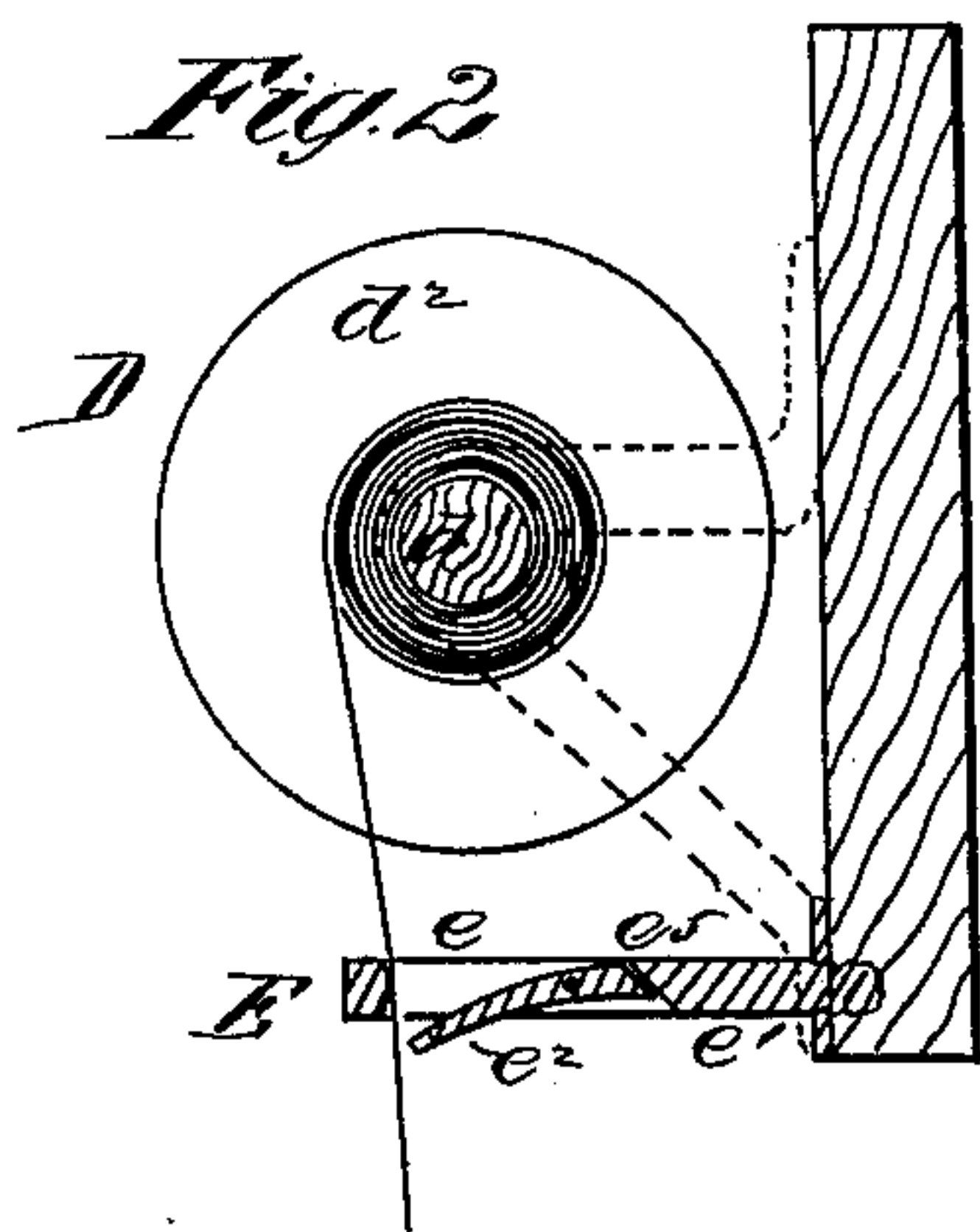
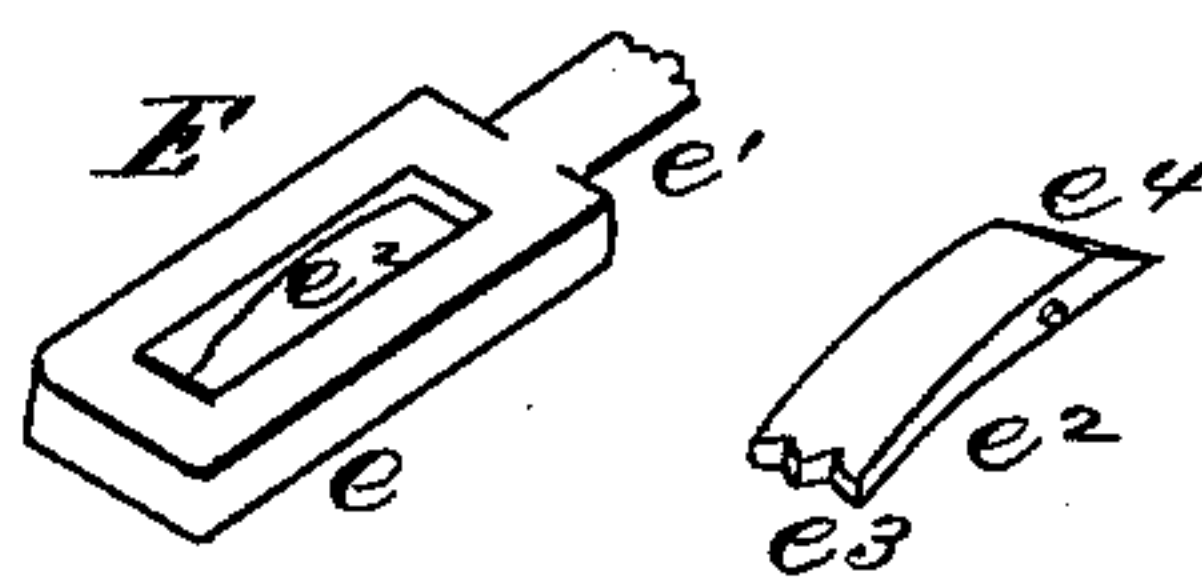


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN W. CORE, OF CAMDEN, NEW JERSEY.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. **220,807**, dated October 21, 1879; application filed February 18, 1879.

To all whom it may concern:

Be it known that I, JOHN W. CORE, of Camden, in the county of Camden and State of New Jersey, have invented certain new and useful Improvements in Curtain-Fixtures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a front elevation. Fig. 2 is a vertical transverse section. Fig. 3 is a perspective representation of details.

My invention has relation to that class of curtain-fixtures known as "single-cord;" and the object of my invention is to produce a more symmetrical and efficient device of that class than has heretofore been known or used.

My invention consists in the novel construction and combination of parts as hereinafter described and specifically claimed.

Referring to the accompanying drawings, A indicates a roller; B, a shade, and C C' brackets, of the usual or any suitable construction. D represents a sheave or pulley fast on one end of said roller. Said pulley is of much less width than those required where a winding-up cord is used, having, as is shown, a groove, *d*, about one-fourth of an inch in width.

E is a clamp, consisting of a loop or guide, *e*, with screw-shank *e'*, and pivoted tongue or lever *e²*, the outer end of which is serrated, as shown at *e³*. The opposite end *e⁴* of said lever is the lighter, and when the forward end, *e³*, falls, the former is arrested by meeting a stop or projection, *e⁵*, in the back part of the loop *e*. Said clamp E is fastened to the window-frame below the pulley D, its screw-shank *e'* being designed to enter a foot, *c*, in the bracket C', and form the lower fastening for said bracket.

F is a tape, one end of which is fastened to the barrel *d'* of the pulley D, the other end having a ring, *f*, or the customary tassel. Said tape passes, as shown, through the loop *e* of the clamp E.

The operation is as follows: The shade being down, and the tape wound in the groove *d*, said shade is lifted by pulling downwardly and outwardly on said tape, the latter moving in contact with the loop *e*, and out of engagement with the lever *e²*, which hangs normally in the position shown in Fig. 2. To arrest the descent of the shade, or to make it fast in any position when ascending, the tape is let go, or the tension thereon slacked up, allowing said tape to hang perpendicularly. In this position it comes in contact and engages with the serrated end of the lever *e²*, drawing up the latter, and being clamped between the same and the loop *e*. To release the lock thus produced, the tape needs but to be slightly drawn down, when the lever *e²* will fall into its normal position, permitting the shade to be lowered or wound up, as may be desired.

It will be noticed that as the coils of the tape are superposed one on the other, and not side by side, as is the fashion with a winding-cord, the groove *d* need be but the same width as said tape, which, in practice, I design to be one-fourth of an inch. Each of the flanges *d²* *d²* should be but one-sixteenth of an inch in width or thickness, so that the periphery of the pulley will be but three-eighths of an inch across. The depth of the groove *d* should be one-half an inch, and the diameter of the barrel one-half an inch, making the entire diameter of the pulley one and one-half inch.

What I claim as my invention is—

The combined bracket and tape clamp, consisting of the bracket C, and the horizontal loop piece or clamp E, having the toothed tongue *e²* weighted, so as to facilitate the release of the tape, and shoulder *e⁵*, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of February, 1879.

JOHN W. CORE.

Witnesses:

M. D. CONNOLLY,
CHAS. F. VAN HORN.