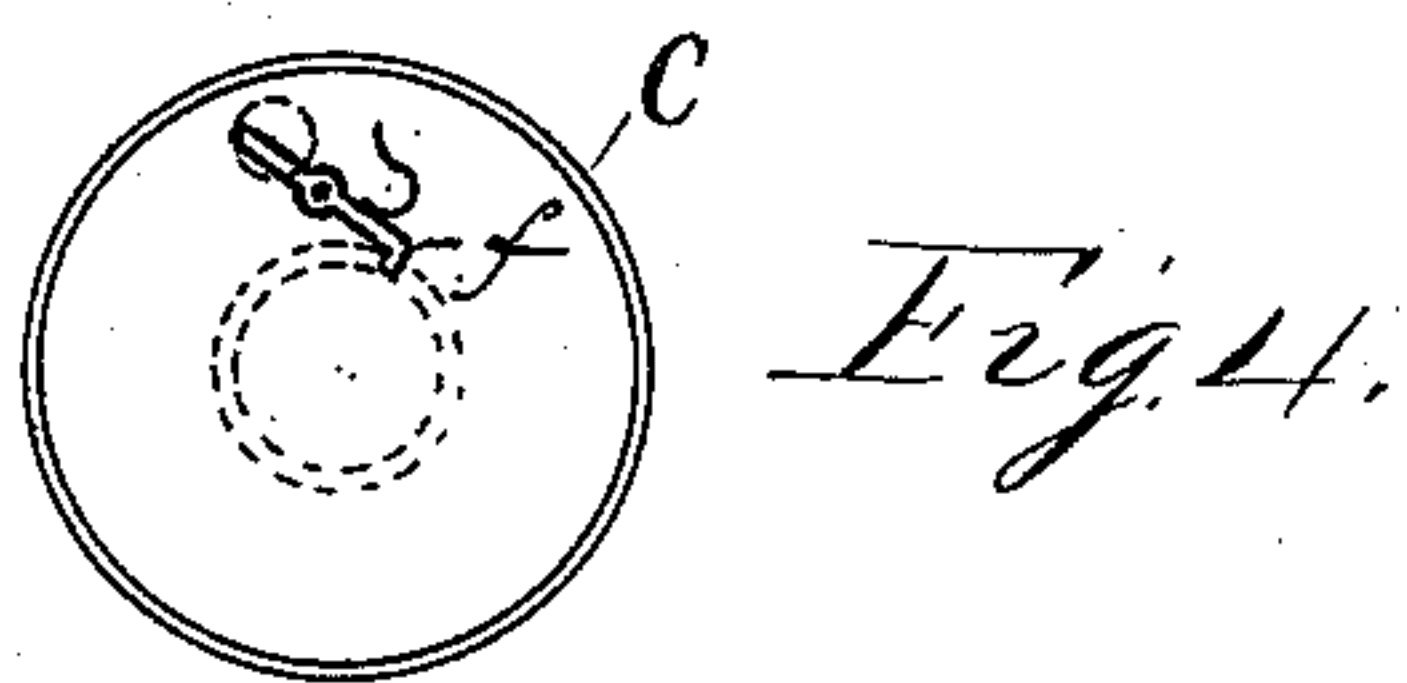
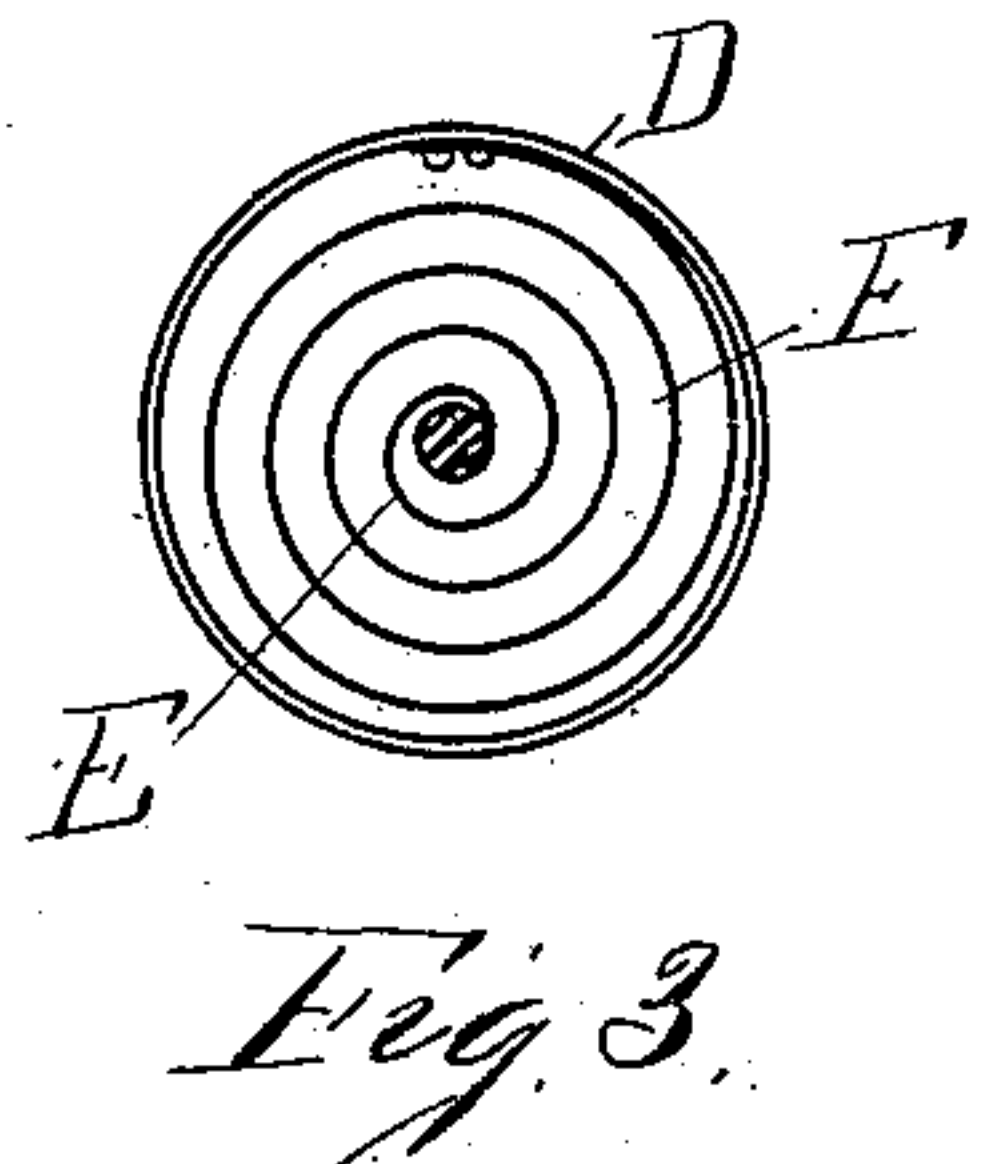
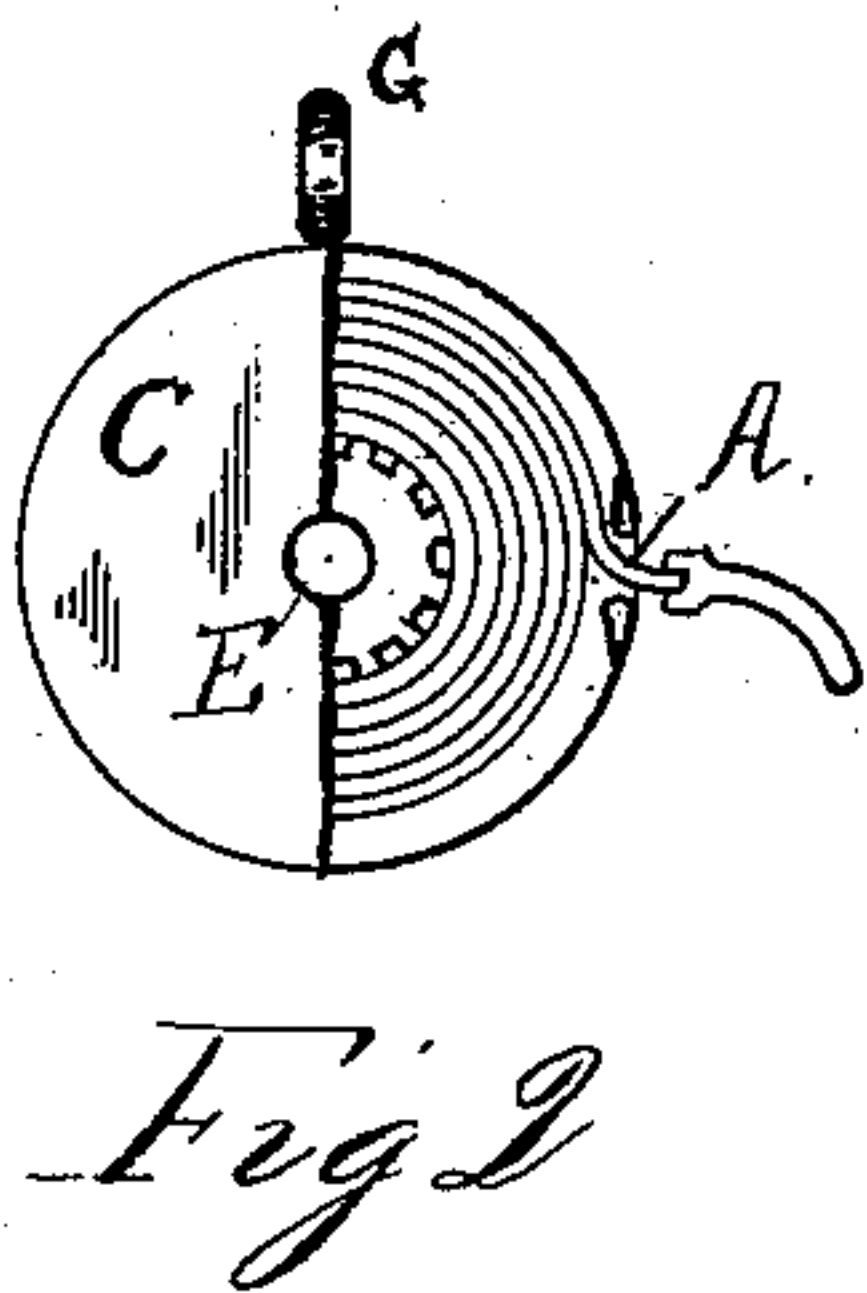
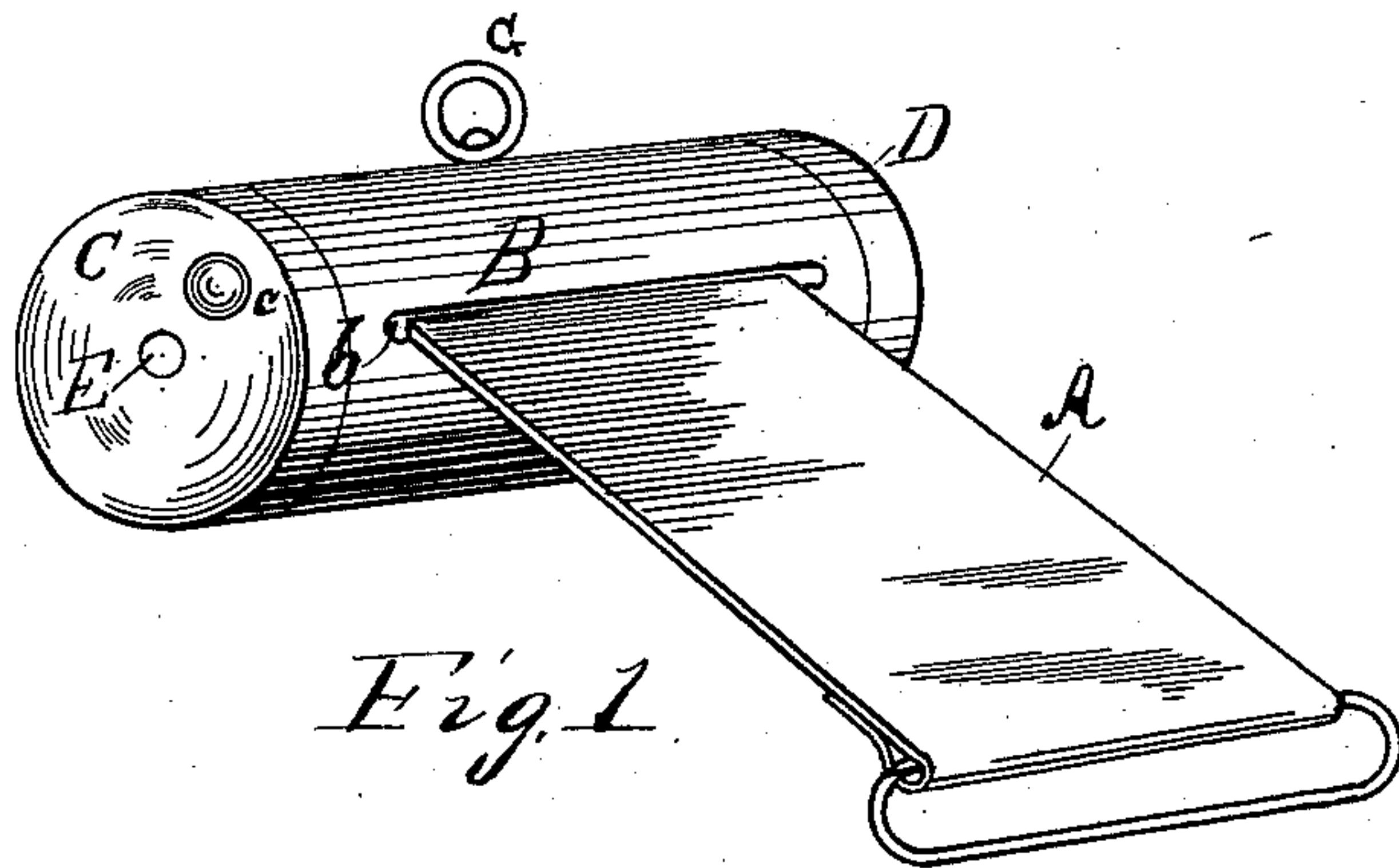


(No Model.)

J. F. INGRAM.
COMBINED RAZOR STROP AND CASE.

No. 343,521.

Patented June 8, 1886.



WITNESSES:

A. A. Moore,
W. E. Chapter

J. F. Ingram
INVENTOR

BY *Conroy, Pms*
ATTORNEY

UNITED STATES PATENT OFFICE.

JOHN F. INGRAM, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO JOHN A. MOORE, OF SAME PLACE.

COMBINED RAZOR STROP AND CASE.

SPECIFICATION forming part of Letters Patent No. 343,521, dated June 8, 1886.

Application filed March 15, 1886. Serial No. 195,307. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. INGRAM, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Combined Razor Strop and Case; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification.

This invention has relation to that class of combined razor strops and cases in which the strop is arranged and adapted to be wound up within the case by means of a spiral spring; and the invention consists in the combination, with a cylindrical casing, a flexible strop, a winding-shaft, and a spring, of a stop and a notched wheel with which said stop engages, for the purpose of locking the shaft and retaining the strap at any desired position.

Referring to the accompanying drawings, in which Figure 1 is a perspective view of the case with the strop withdrawn; Fig. 2, an end view, partly in section; Fig. 3, a view of the cap containing the operating-spring; Fig. 4, an inside view of the cap containing the spring-catch *f*.

A represents the strop, which may be made of leather, lasting, or other woven material. The case B is made, preferably, of sheet metal, slotted as shown at *b*, and having the end caps, C D, attached in any desired and suitable manner. The shaft E is provided with bearings in the caps C D and is free to turn therein.

Upon one end of the shaft E is formed or attached a disk or wheel having a series of slots, indentations, or teeth, by which the movement of the shaft is governed, a spring-catch, *f*, attached to the cap C and controlled by a button, *c*, on the exterior of the cap, working on the ratchet and acting as a stop. A coiled spring, F, having one of its ends at-

tached to the shaft E and the other end to the interior of the cap D, is used to revolve the shaft, and thus draw the strop into the case. A swiveled hook or ring, G, attached to the outside of the case, is used as a means for fastening the case in position for using the strop.

The operation of the device is as follows: The end of the strop being securely attached to the shaft by fastening it to the shaft, the strop is wound on the shaft, which is then placed in the case B, the free end of the strop passing out through the slot *b*, and the cap placed over the end. As the strop is withdrawn for use the spring is coiled at the same time by reason of its attachment to the end of the shaft, the spring-catch *f*, working on the ratchet on the end of the shaft, holding the shaft from revolving in the opposite direction. When through with the strop, the catch *f* is released from the ratchet by button *c*, and the strop allowed to be rewound upon the shaft.

If desired, two or more strops may be wound upon the one shaft.

Having described my invention, what I claim is—

In a combined razor strop and case, the combination, with the cylindrical casing B, provided with the swiveled supporting-ring G, and having a slot in its wall, of the strop A, the spiral spring F, the winding-shaft E, having a notched disk or wheel upon its end, a spring-catch, *f*, and a button, *c*, all constructed and arranged substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of March, 1886.

JOHN F. INGRAM.

Witnesses:

LOUIS MOESER,
IG. STAUFFER.