(No Model.)

J. A. WILSON.

RAZOR STROP.

No. 348,486. Patented Aug. 31, 1886.

Fig. 1.

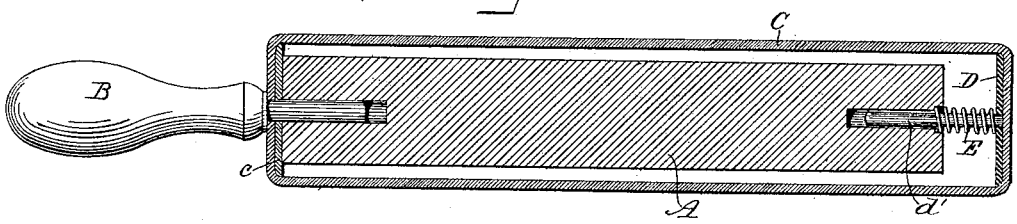


Fig. 2.

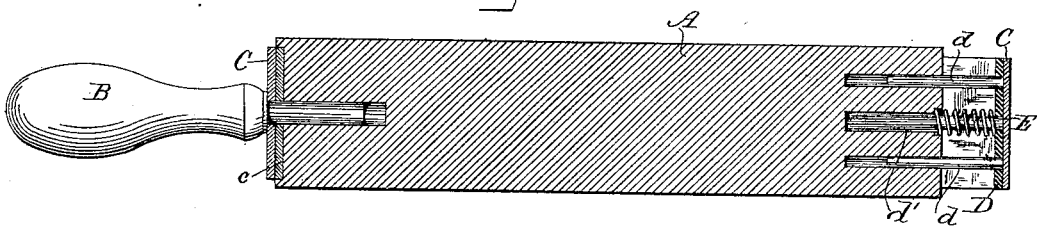
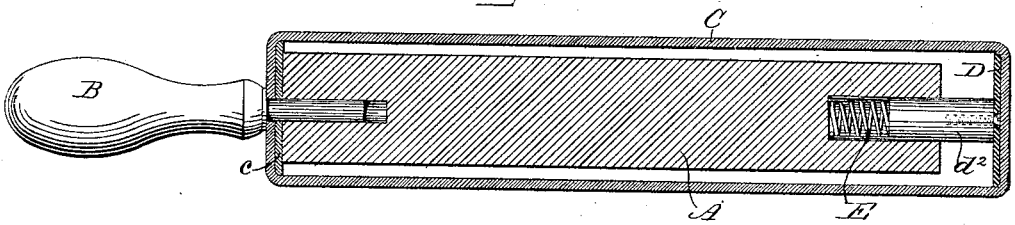


Fig. 3.



Witnesses:
E. B. Smith
Edmund Jr.

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UNITED STATES PATENT OFFICE.

JOHN A. WILSON, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO JOSEPH R. TORREY, OF SAME PLACE.

RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 348,486, dated August 31, 1886.

Application filed June 17, 1885. Serial No. 168,986. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. WILSON, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Razor-Strops, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of my invention is to dispense with the tension-screws heretofore employed for adjusting the rigid blocks or plates by which the stropping-belts of razor-strops are tightened, by providing in place of said screws springs acting on said blocks or plates in such a manner as to hold the stropping-belts taut. By dispensing with the adjusting-tension screws heretofore employed the liability of straining or breaking the stropping-belts in tighting the latter by applying too much force to the screws will be avoided.

In the drawings, Figures 1 and 2 are longitudinal sections at right angles to each other of a razor-strop embodying my invention, and Fig. 3 is a longitudinal section showing a modification.

A indicates the rigid wooden body-block of the strop, and B the handle thereof.

C is the stropping-belt passing over a bridge-piece *c* at one end of the strop, and over a tightening-plate, D, at the opposite end thereof, said belt being thus supported clear of said body-block on the opposite sides of the latter. The tightening-plate is preferably provided with the usual steady-pins, *d*, entering holes in the block A, and said plate is forced outward to tighten the stropping-belt by one or more tightening or tension springs, E.

In Figs. 1 and 2 the tightening-spring is shown as surrounding a pin, *d'*, attached to the plate D, and entering a hole in the block A; but in the construction shown by Fig. 3 the tightening-spring is placed in a socket in the block A behind a stem or plunger, *d²*, attached to or abutting against the plate D.

It will be understood that the spring E will be of proper strength or stiffness to hold the stropping-belts sufficiently taut for use, and as said springs exert a yielding pressure on said belts the latter will not be strained or broken, as sometimes occurs with the tightening-screws.

I do not wish to be understood as limiting myself to the precise construction herein shown and described, as the arrangements of the parts may be varied somewhat without departing from the spirit of my invention.

The tighting-plates and their springs, instead of being arranged at the ends of the strops opposite to the handles, as herein shown, may, if desired, be at the handle ends of the strops.

I claim as new and desire to secure by Letters Patent—

In a razor-strop, the combination, with a body-block, and a stropping-belt supported clear of said block on the opposite sides of the latter, of a rigid tightening-plate movable lengthwise of said block, and a spring for forcing said plate outward against said belt, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN A. WILSON.

Witnesses:
FRANK B. GATES,
L. H. TORREY.