

E. WEISSENBORN.
Erasers.

No. 153,408.

Patented July 21, 1874.

Fig:2

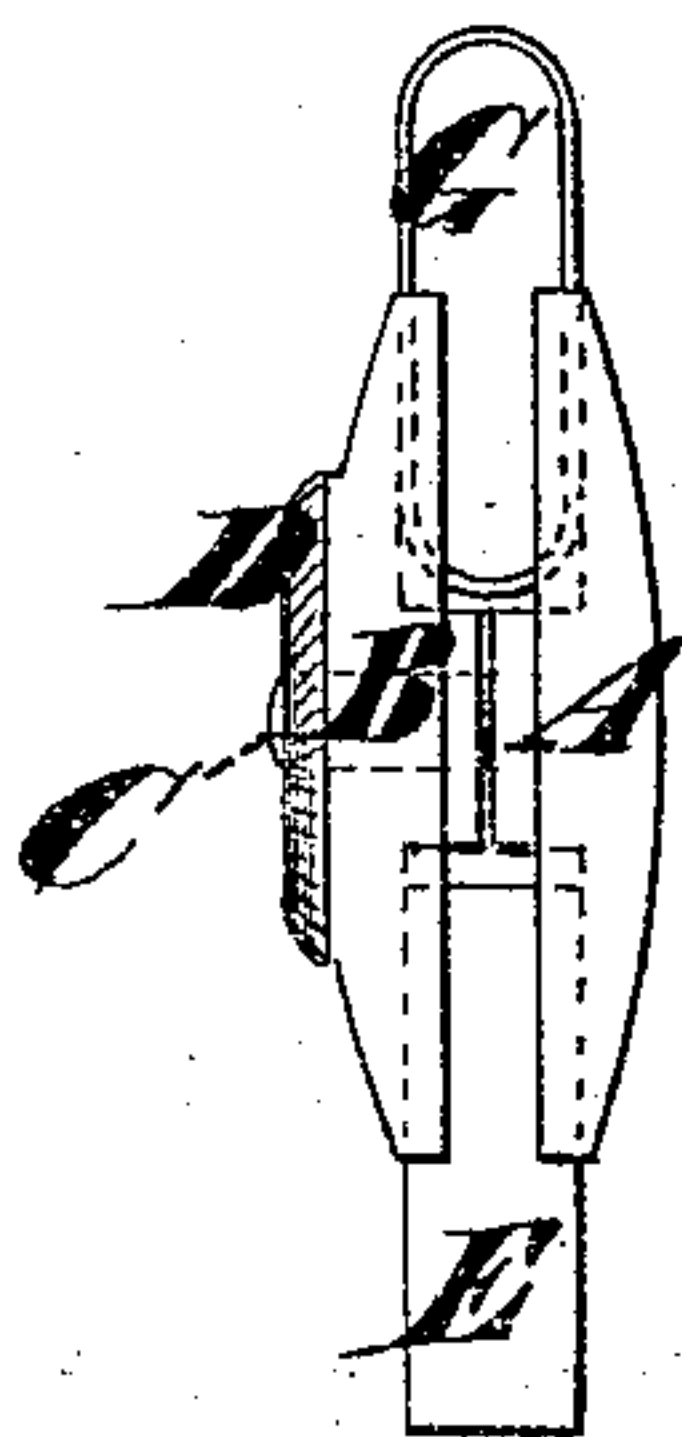


Fig:1

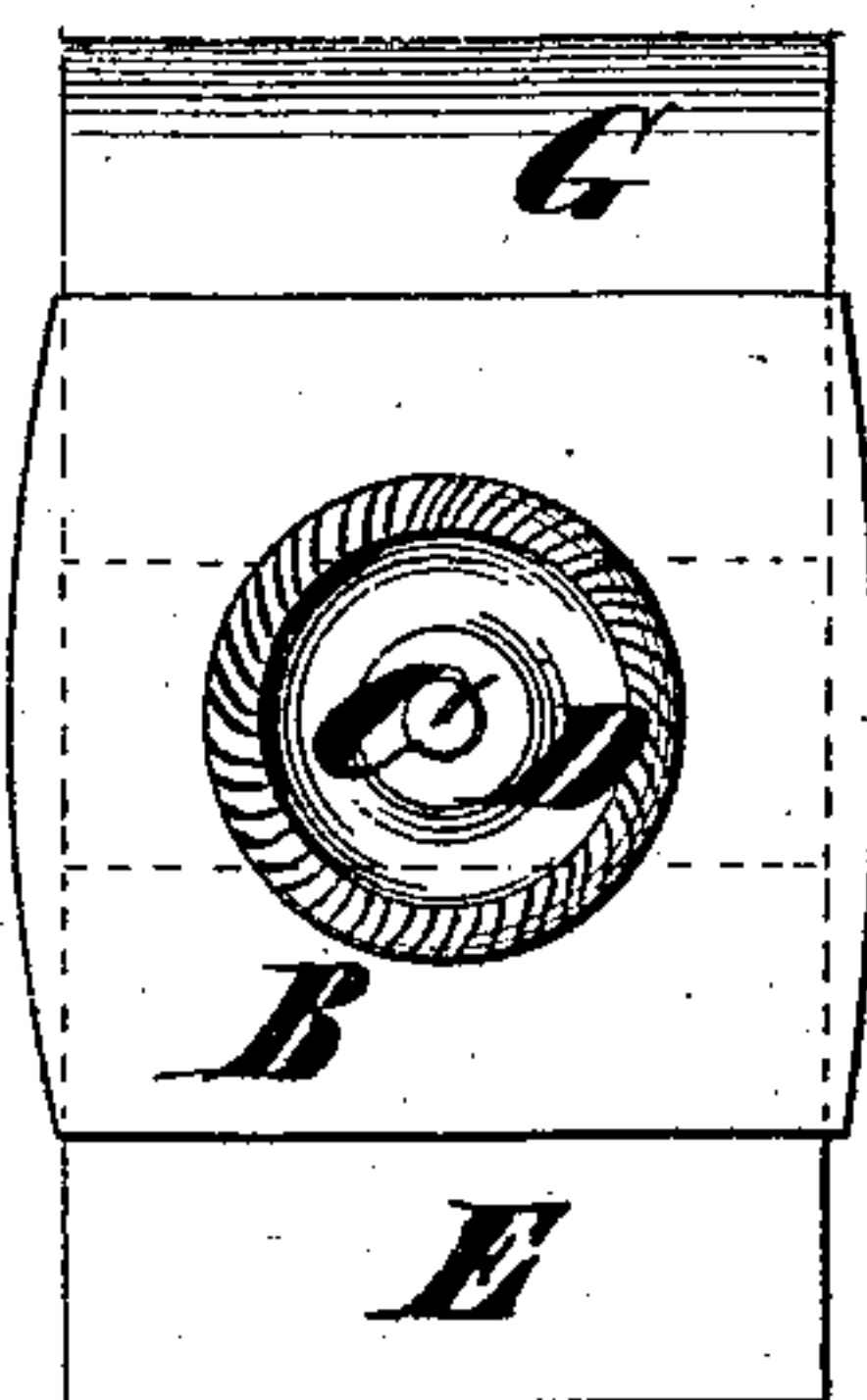


Fig:3

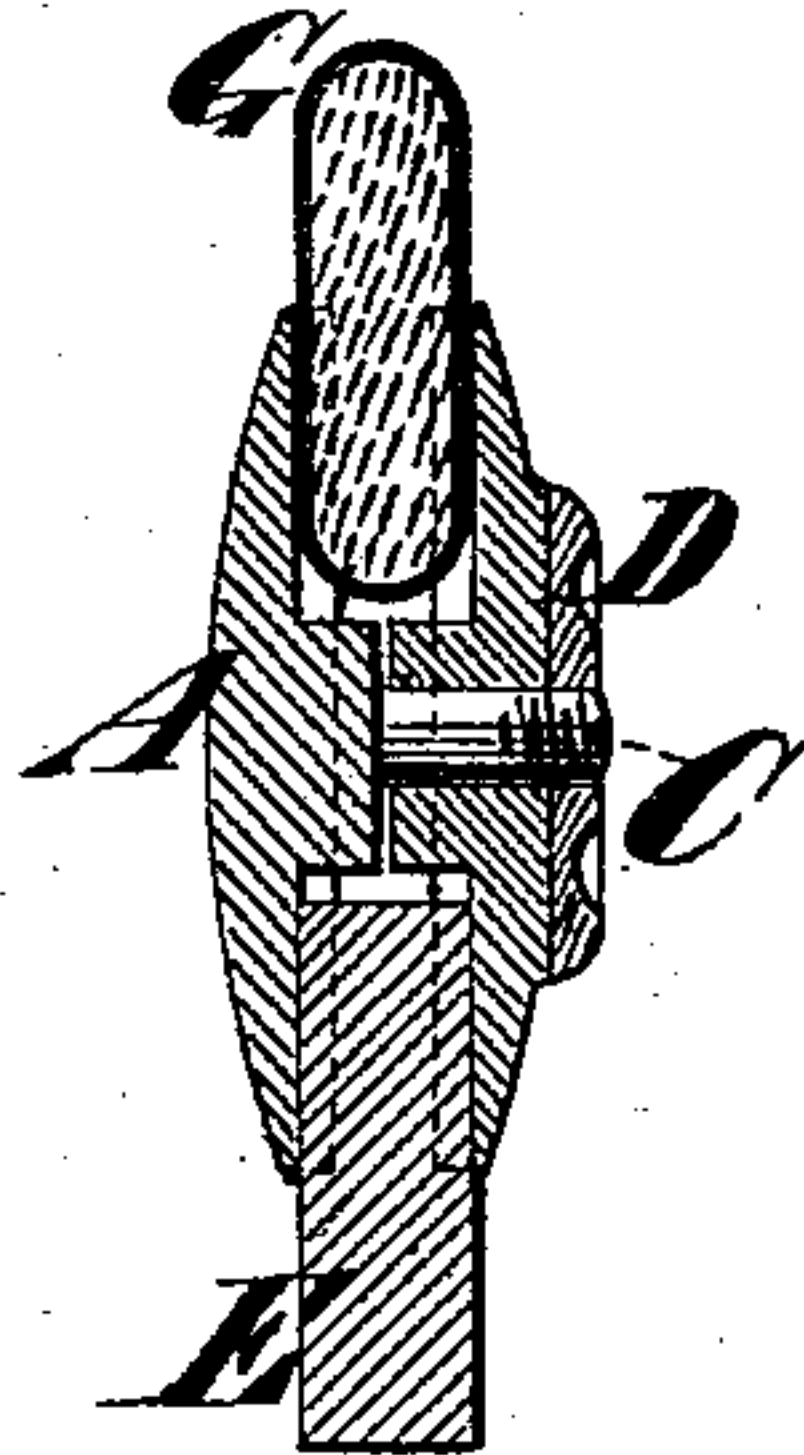
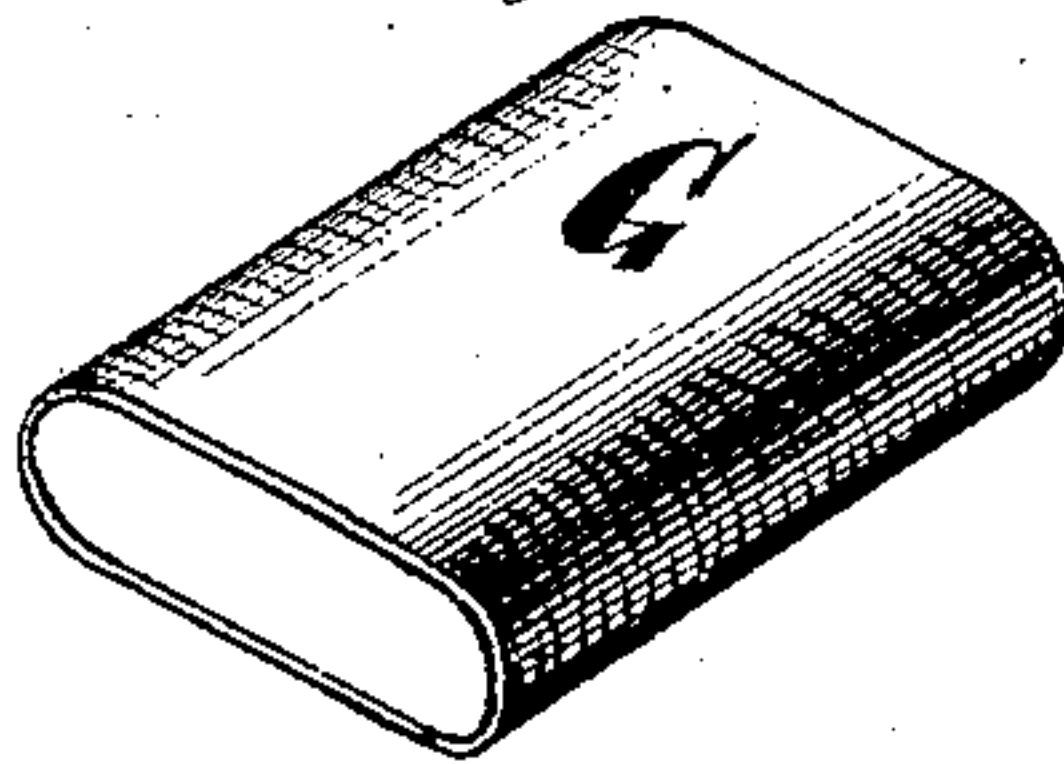


Fig:4



Witnesses:

Michael Ryan
Fred. Holmes

Edward Weissenborn
by his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE

EDWARD WEISSENBORN, OF HOBOKEN, NEW JERSEY.

IMPROVEMENT IN ERASERS.

Specification forming part of Letters Patent No. **153,408**, dated July 21, 1874; application filed January 10, 1874.

To all whom it may concern:

Be it known that I, EDWARD WEISSENBORN, of Hoboken, in the county of Hudson and State of New Jersey, have invented an Ink and Pencil Eraser, of which the following is a specification:

This newly-invented ink and pencil eraser of mine is composed of a pair of clamps or holders, operated by a screw and nut, or other suitable devices, to hold a block of india-rubber at one end, and an ink-eraser at the other, in such manner that each forms a brace to retain the other in place, and either may be renewed at pleasure.

The ink-eraser which I intend to use consists of a core of cork or other suitable material, and an external covering of fine sand-paper or other abrasive material, which is confined between said clamps, and is removable and reversible to present a fresh rubbing-surface.

In the accompanying drawing, Figure 1 is a side view of my pencil and ink eraser. Fig. 2 is an edge view of the same. Fig. 3 is a longitudinal section thereof, and Fig. 4 is a perspective view of the ink-eraser detached.

Similar letters of reference indicate corresponding parts throughout the several figures.

A and B are the clamps before alluded to as constituting holders for the pencil and ink erasers. They may be made of wood, metal, or any other suitable material, and are operated to clamp and hold the erasers by a screw, C, fastened to the middle portion of the clamp A, and passing thence through the middle of the other clamp, B, outside which it receives a nut, D, whereby provision is afforded for tightening or loosening the clamps at pleasure. The pencil-eraser E may be a block of india-rubber; but the ink-eraser G I prefer should be one composed of a core of cork, or other suitable material, and a covering of sand-paper, glass-paper, or other abrasive material, which can be easily wrapped round the core.

Such an ink-eraser will be found as serviceable as the knives commonly used for erasing, and much more convenient. The clamps, being held together at the middle, have a tendency to verge together at either end; but this is prevented by the eraser held between the other ends, and thus each eraser forms a brace to hold the other in place. The side edges of these two clamps are turned over to confine the erasers and prevent their lateral displacement.

This article possesses great merit, owing to the opportunity it affords for renewing the erasers when worn out. All that has to be done is to unscrew the nut to loosen the plates, after which either or both the erasers may be removed and replaced at pleasure. On the renewal of the erasive materials the nut is screwed up again to cause the clamps to tighten and hold them.

The ink-eraser can be renewed by simply applying a new covering to its core, or oftentimes it will be sufficient to shift the covering, so that an unworn portion will cover the protruding part of the core.

In some cases, instead of the ink-eraser E, there may be substituted an eraser composed of india-rubber or india-rubber composition.

What I claim as my invention is—

1. The combination of the two clamps or holders A and B, means for drawing them toward each other, and the erasers E and G, substantially as described, whereby each eraser serves as a brace to retain the other in place, and either or both are renewable at pleasure.

2. The removable and reversible ink-eraser G, having a removable abrasive covering, and confined in position by the clamp A B, all constructed and combined substantially as and for the purpose described.

Witnesses: EDW. WEISSENBORN.
HENRY T. BROWN,
MICHAEL RYAN.