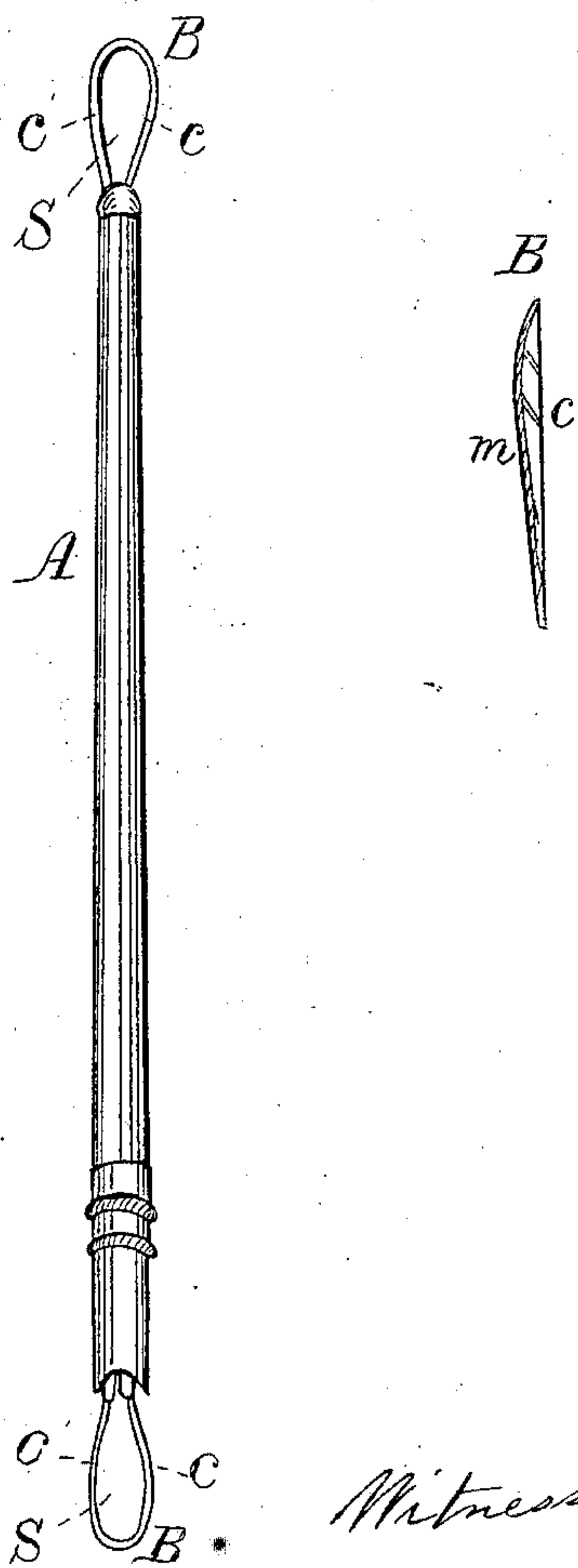


Morse & Powell,

Eraser.

No 62496.

Patented Feb 26 1867.



Wm A. Morse  
John G. Powell

Witnesses {  
John Craig  
James J. Brown

# United States Patent Office.

WILLIAM A. MORSE AND JOHN G. POWELL, OF PHILADELPHIA, PENN-  
SYLVANIA.

*Letters Patent No. 62,496, dated February 26, 1867.*

## ERASER AND PEN-HANDLE COMBINED.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, WILLIAM A. MORSE and JOHN G. POWELL, of Philadelphia, in the county of Philadelphia, in the State of Pennsylvania, have invented a new and improved Eraser and Pen-Handle Combined; and we do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of our invention consists in an eraser of peculiar construction, whereby we are able to produce a superior article at a much less cost than heretofore, or at about the cost of steel pens, in combination with either the top end or the tip of a pen-handle.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

We make our eraser of thin sheet steel, such as is commonly used in the manufacture of steel pens, though it may be a little heavier, if desirable. We cut it out with a die and punch of desirable form, usually conical, the blade being widest near its point and tapering to the end of its shank. This conical-shaped blade we press in a concave die of the same conical form, the surface of which represents nearly half a circle. In pressing it we use a convex-faced punch made to fit the die loosely. This operation produces in form our improved eraser, its outer surface, *m*, being the same as the inner surface of the die, and its inner or concave surface, *s*, takes the form of the face of the punch. Its sides, from its point to the end of its shank, represent the arc of a circle, reckoning at right angles with its length, thus presenting a concave, *s*, and a convex surface, *m*. This form stiffens the blade and at the same time produces a superior form for an eraser and burnisher, which requires much less labor than is common on such goods to finish it. We grind the face edges *c c* on the concave side parallel, which produces a cutting edge all around; then polish the back or convex surface, *m*, and it is done. We then put the smallest end into the top of the pen-handle *A*, previously prepared to receive it, or place it into the tip the same as a steel pen. It may be used with equal facility and ease at either end. Therefore, we do not confine ourselves to either particular way.

The operation of erasing is the same as with other edged instruments, after which the convex surface *m* is rubbed over the erased paper to burnish it and make it hard.

Having thus fully described the construction and operation of our improved eraser and pen-handle combined, what we claim as our invention, and desire to secure by Letters Patent, is—

1. We claim the eraser and burnisher *B*, with its parallel face edges *c c*, for sharpening, its concave surface *s* and convex surface *m* extending its whole length, in combination, substantially as described and shown, and for the purpose set forth.

2. Constructing the eraser *B* of such form that it can be inserted at either the top or the tip of the pen-handle *A*, substantially as specified and for the purpose set forth.

WM. A. MORSE,  
JOHN G. POWELL.

Witnesses:

JOHN CRAIG,  
JAMES J. BROWN.