

S. W. Sheller

Fly-String Cutter and Rounder

Nº 92,377.

Patented Jul 6, 1869.

Fig. 1

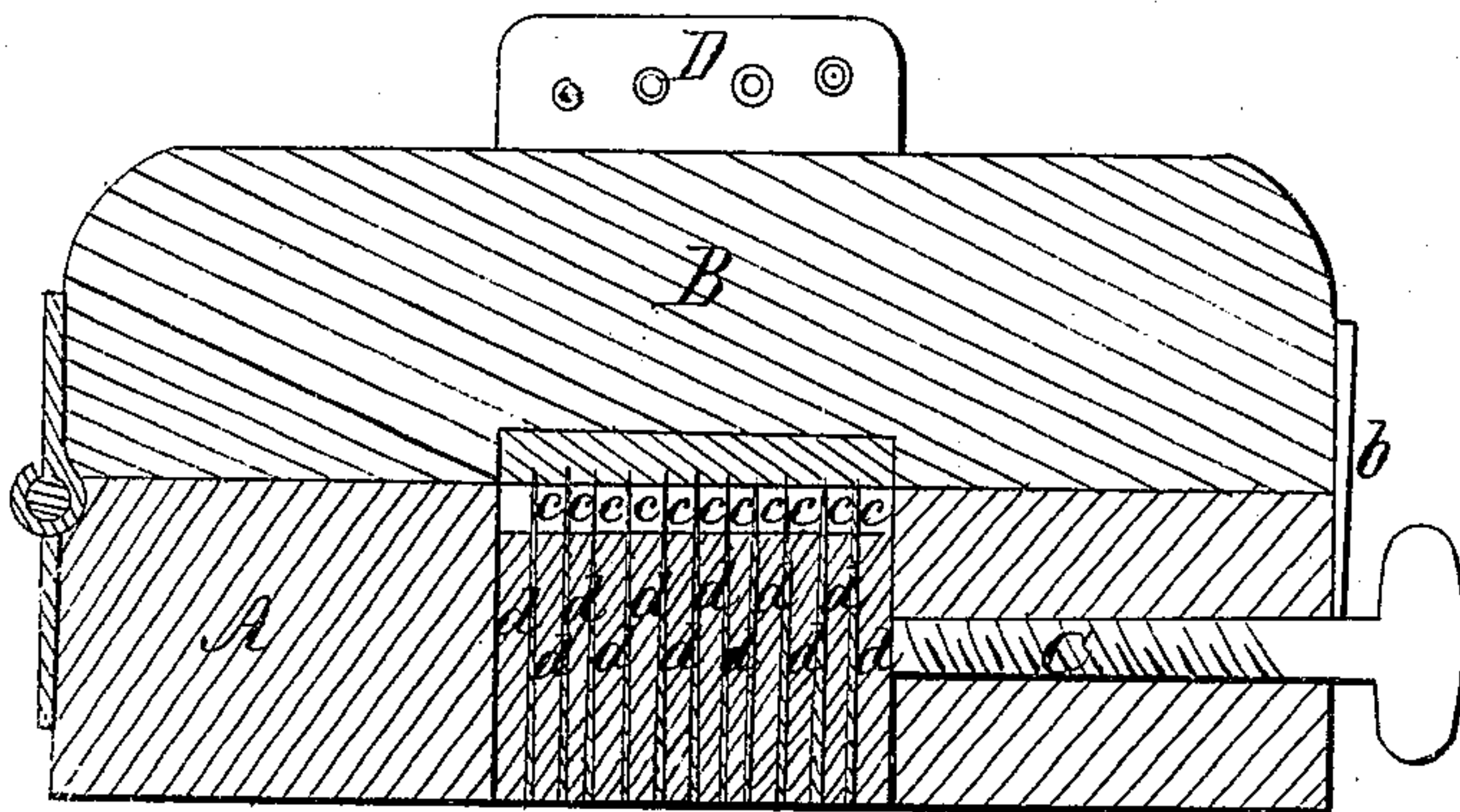
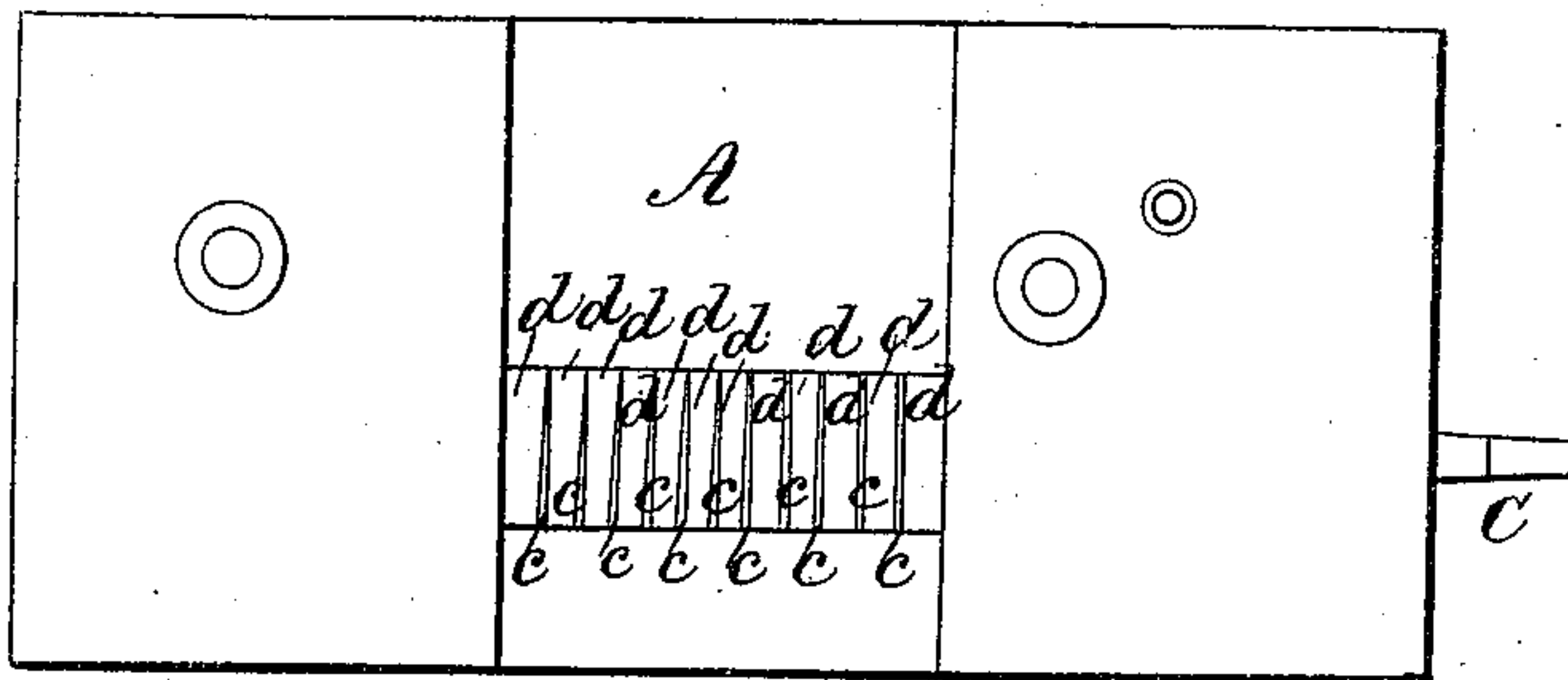


Fig. 2



Inventor

S. W. Sheller

Alexander G. Mason
Att'y

Witnesses

Cornelius Cox
Leopold Coen

United States Patent Office.

S. W. SELLER, OF MOUNT CARROLL, ILLINOIS.

Letters Patent No. 92,377, dated July 6, 1869.

IMPROVED FLY-STRING CUTTER AND ROUNDER.

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

To all whom it may concern:

Be it known that I, S. W. SELLER, of Mount Carroll, in the county of Carroll, and in the State of Illinois, have invented new and useful Improvements in Combined Fly-String Cutter and Rounder; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The object of my invention is to provide a device by means of which fly-strings can be rapidly cut and rounded, and consists of the parts hereafter set forth and described.

Figure 1 is a section view of my invention.

Figure 2 is a plan view of the lower part.

The body or frame of my machine consists of two parts, which are hinged together in such a manner that they can be opened and shut, and which may be formed of either metal or wood.

The lower part, A, has two holes running through it, so that it can be secured to the bench by means of screws or bolts.

Across the face of this piece there is a slot about two inches wide, and one-fourth of an inch deep, in which the strap is placed to be cut.

Extending downward, there is a mortise also, in this piece, in which any number of knives can be placed, so as to separate the strap into strings.

These knives *c* are placed in this mortise in such a manner that their sharpened points or ends extend up above the frame far enough to come in contact with the upper part, B, and are held apart by means of the wedges *d*.

After both knives and wedges have been placed in the proper position, they are securely held and fastened in place by means of the thumb-screw C.

The upper part, B, has a slot cut in its bottom, corresponding to the one in the lower part, and has a piece of leather, rubber, or any suitable material, so as to prevent the knives from coming in contact with any hard substance.

A strap, corresponding to the size of the slot, is laid on the knives, and the top closed down, and then secured by the hook *b*, which clasps around the thumb-screw C. The strap is then drawn through, whereby it is separated by the knives into strings, which are then thrown into water, so as to soften them.

Screwed on to the side of the top is the rounder D, which consists of a flat-metal plate, with a number of holes through it of different sizes.

The strings, after being softened, are sharpened at one end, so that they can be easily passed through, by means of which they are neatly trimmed and rounded.

In order to prevent these parts from being pulled out of line by the constant strain of drawing the leather through, the lower part has a small metal projection extending upward, which fits in a corresponding opening in the upper-half, B.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The combination of the blocks A B, hinged together, vertical knives *c c*, wedges *d d*, set-screw C, and rounder D, all constructed and arranged to operate substantially as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 29th day of March, 1869.

S. W. SELLER.

Witnesses:

S. G. HORNING,

R. G. BAILEY.