

P. Mc Carthy,

Wood Clamp.

No 76,644.

Patented Apr. 14, 1808.

Fig. 4.



Fig. 3.

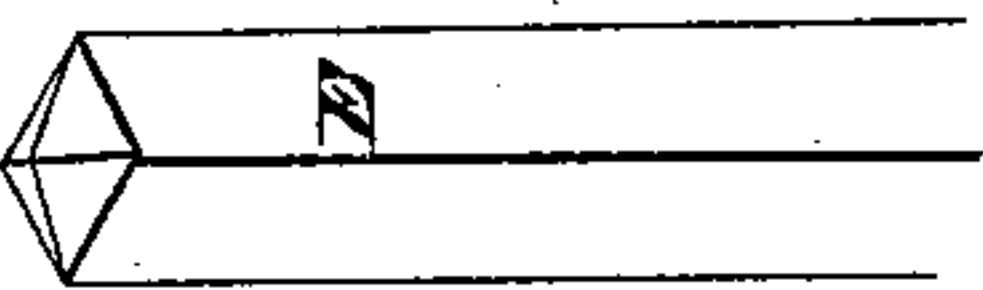


Fig. 2.

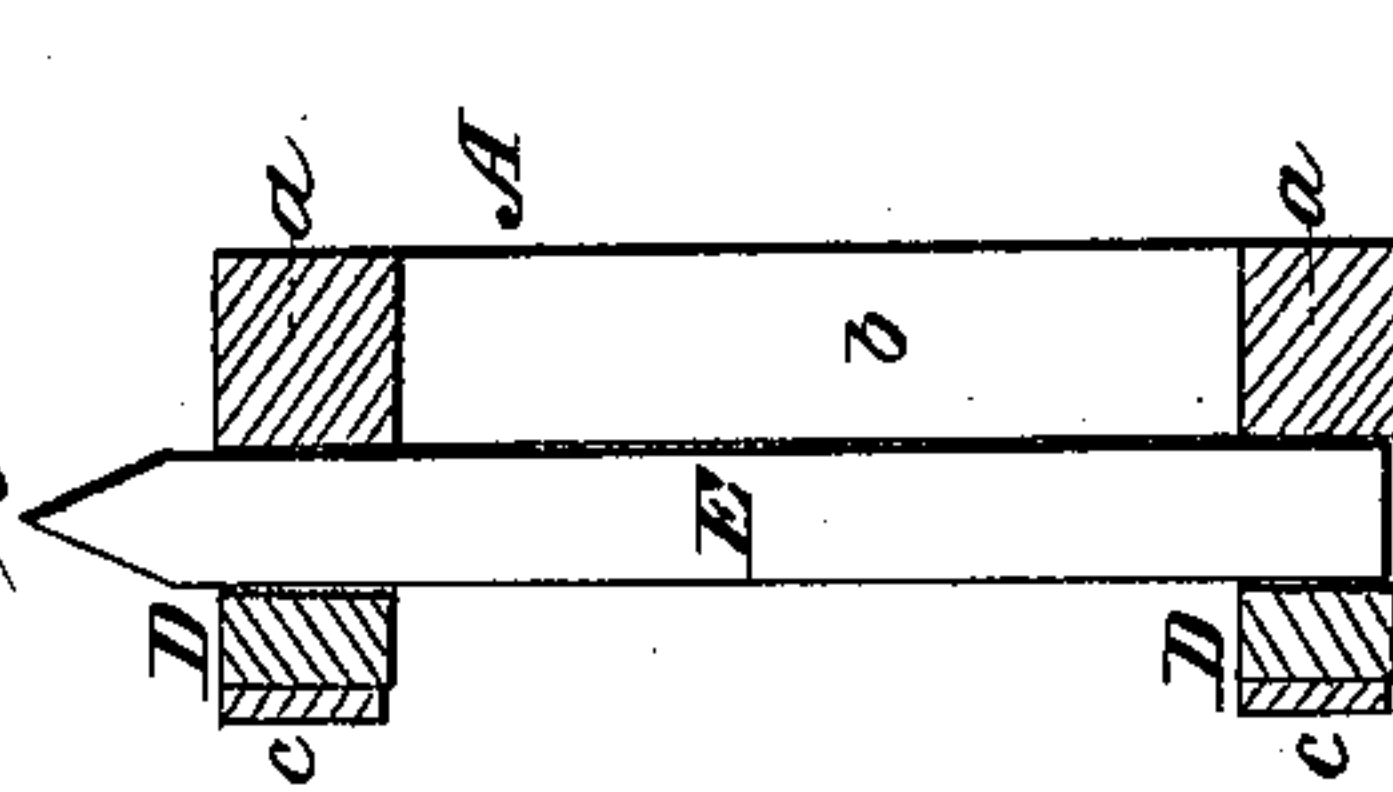
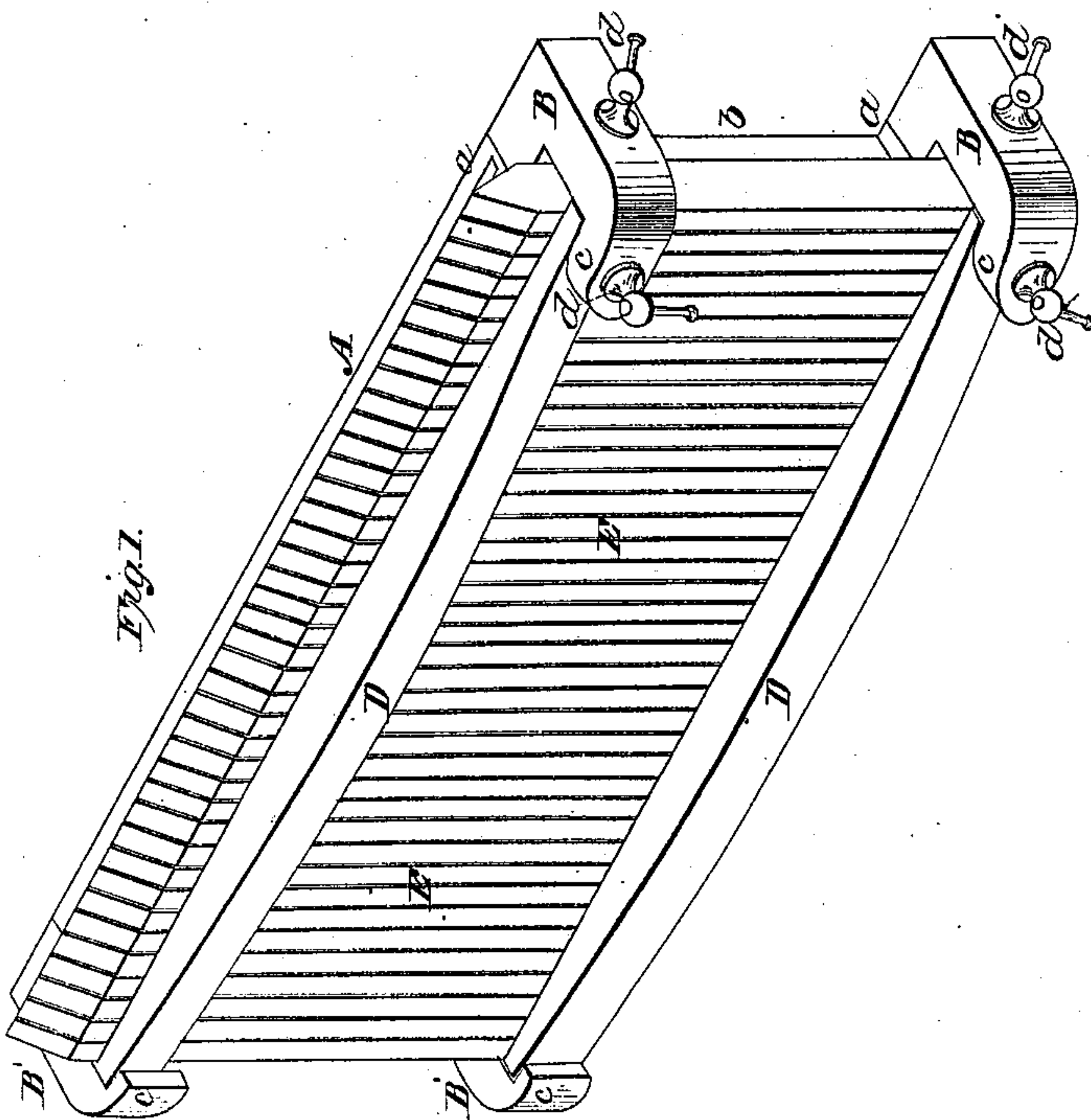


Fig. 1.



Witnesses.

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United States Patent Office.

PETER McCARTHY, OF ROCHESTER, NEW YORK.

Letters Patent No. 76,644, dated April 14, 1868.

IMPROVEMENT IN CLAMPS FOR HOLDING PICKETS.

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, PETER McCARTHY, of Rochester, in the county of Monroe, and State of New York, have invented a certain new and improved Clamp for Dressing Fence-Pickets; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a perspective view of my improved clamp.

Figure 2, a vertical cross-section of the same.

Figures 3 and 4, views of different forms of pickets.

Like letters of reference indicate corresponding parts in all the figures.

My invention consists in a clamp, adapted to receive the pickets in a compact row, and retain them firmly and uniformly in place while being dressed, constructed, arranged, and operating as hereinafter set forth.

As represented in the drawings, A is the bed or back of the clamp, composed of top and bottom timbers *a a*, and cross-pieces *b b*. To the opposite ends of the timbers are connected head-blocks B B B' B', preferably made of iron, and having bends, forming hooks *c c*. The sides and ends of the blocks B have screws, *d d'*, or equivalent, pressing inward longitudinally and laterally, as clearly shown in fig. 1.

Clamp-bars D D, at the top and bottom, rest inside the hooks *c c*, against the pickets, as indicated. These bars are, preferably, made of greater thickness in the middle than at the ends, to insure strength, and they are also, preferably, made somewhat bowing or swelling inward in their natural form, so that when they are pressed against the pickets they will bear equally in the middle.

The clamp is placed upright, and the pickets E E are placed in succession, closely together, against the bed A, till the clamp is filled. The clamp-bars D D are then applied, and the screws *d d'*, or equivalent, are turned up, thereby clamping the pickets closely in place. In this condition, the shave, plane, or other instrument is applied, to dress the tops of the pickets to the proper form.

Several very important advantages are attained by the employment of this device. Much labor is saved by dressing a large number of pickets in one body, rather than dressing them singly, as in the ordinary manner, and when dressed, they are exactly alike in form and projection. If dressed singly, uniformity cannot be preserved. Enough pickets can be placed in the clamp at once to make one or more entire sections or panels of fence, in which case the uniformity is still greater than would be if only a few were dressed at once, to form part of a panel.

The construction of the clamp is such as not only to insure regularity and uniformity in the pickets, but also to facilitate their insertion and removal. The bed A, being level, holds the pickets perfectly in line. The clamp-bars D retain them fast in place, and allow a free insertion and removal, and the screws hold compactly in both directions.

It will be seen that pickets of all forms can be dressed in this device. In fig. 1, the pointed form is shown; in fig. 3, the square form; and in fig. 4, the rounded form.

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

The head-blocks B and B', when constructed with projections *c*, and arranged in relation to a clamp, substantially in the manner and for the purpose described.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

PETER McCARTHY.

Witnesses:

R. F. OSGOOD,

WM. J. SHERIDAN.