Dec. 7, 1926. 1,610,028

J. S. NORTH ET AL

DISPLAY STAND

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Fig. 1.

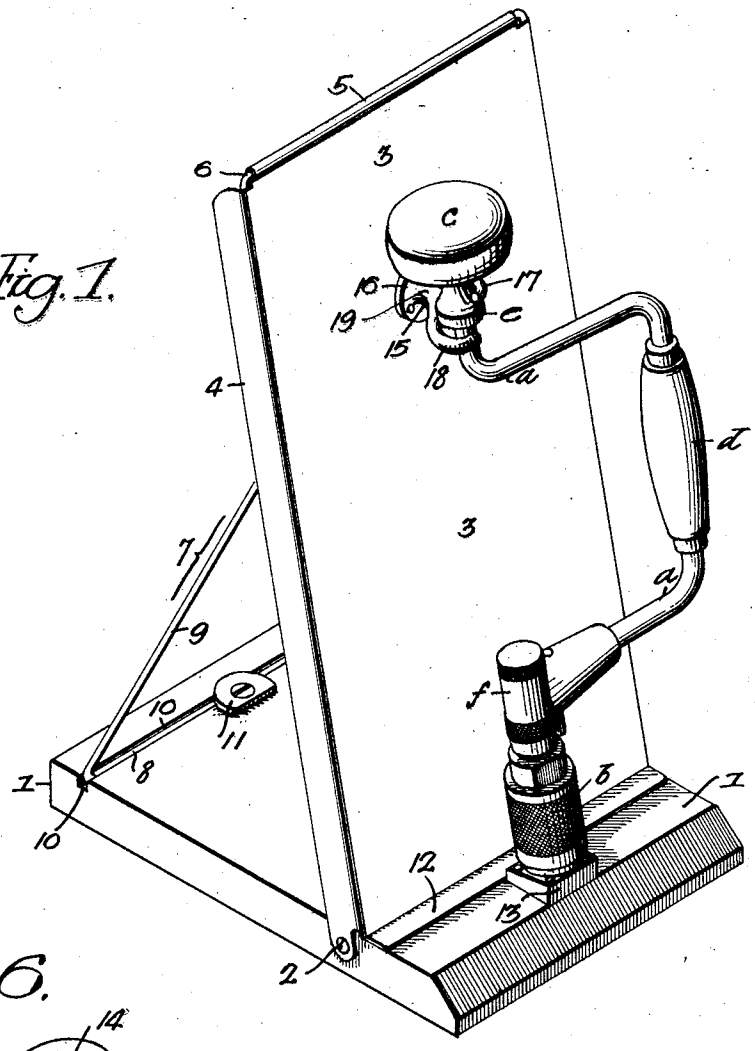


Fig. 6.

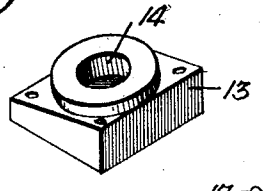
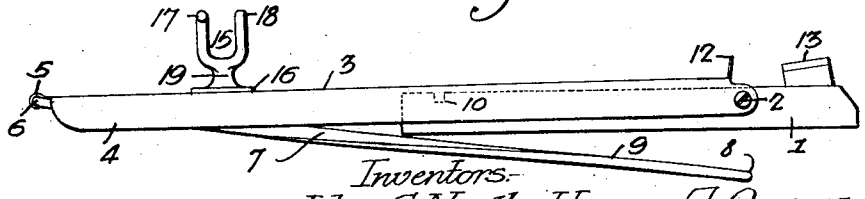


Fig. 5.



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Fig. 2.

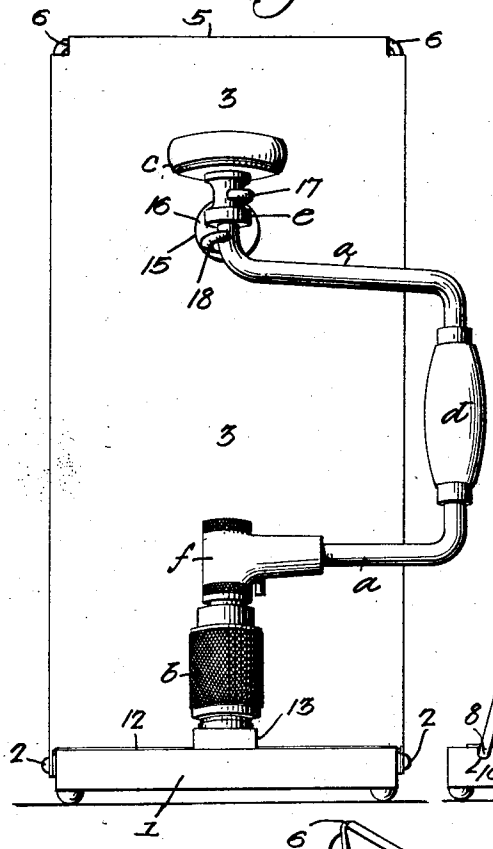


Fig. 3.

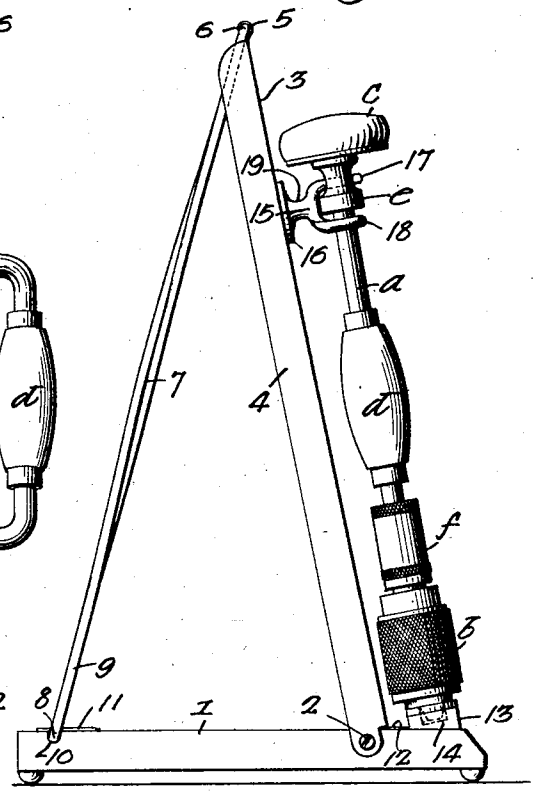
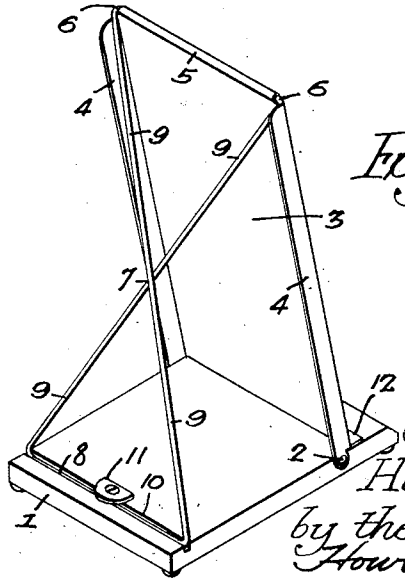


Fig. 4.



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UNITED STATES PATENT OFFICE.

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DISPLAY STAND.

Application filed April 17, 1925. Serial No. 23,893.

The object of our invention is to construct a display stand for tools such as wood and metal workers' ratchet braces so that the display stand can be set up with a sample brace mounted thereon in such a manner that the brace can be operated without removal from the stand.

In the accompanying drawings:

Fig. 1 is a perspective view of our improved display stand, showing a ratchet brace mounted thereon;

Fig. 2 is a front view;

Fig. 3 is a side view;

Fig. 4 is a perspective view, showing the rear of the stand;

Fig. 5 is a side view, showing the stand folded; and

Fig. 6 is a detached perspective view of the socket for the end of the chuck attached to the brace.

The base 1 of the display stand is made, preferably, of wood. Pivoted to the base 1 is the inclined easel member 3, having side flanges 4. The lower ends of the flanges are perforated for the screws 2. The upper end of the easel member 3 is rolled, as at 5, and encloses the upper bar 6 of the supporting member 7 which is made of wire. The lower bar 8 is connected to the upper bar 5 by cross bars 9, as shown in Fig. 4. The lower bar 8 is adapted to fit a transverse recess 10 in the base 1 when the parts are in the display position (Figs. 1 to 4 inclusive) and is held in the recess by a pivoted plate 11. A lip 12, at the lower edge of the easel member, rests upon the base 1 and limits the forward movement of said member.

On the base 1, directly in front of the easel member 3, is a block 13 of rubber, or other suitable material. In this block is a socket 14 to receive the end of the chuck *b*, which is attached to, or forms part of, the brace *a*.

This block retains the lower portion of the brace in position. Secured to the easel member 3 is a double bearing 15, which is shaped to engage the upper portion of the brace on each side of a flange *e* of the hub of the hand hold *c* and retain the brace in proper alignment in respect to the socket 14 in the bearing block. The hooked bearing has a plate 16, which is secured to the easel section by rivets, or other fastenings, a shank 19 and hooks 17 and 18 spaced apart and curved in opposite directions.

By making the upper bearing in the manner shown, the brace can be raised clear of the bearing block and can be turned bodily until the brace is free of the hooks. This construction makes it difficult to remove a sample brace from the display stand.

The stand is displayed in a position readily accessible to a purchaser, who can grasp the hand hold *d* of the brace and move it from one side of the stand to the other side, which causes the ratchet mechanism, which is enclosed in the part *f*, to actuate the chuck and to turn it intermittently in one direction, illustrating by the actual movement of the parts the easy operation of the mechanism.

It is extremely difficult to demonstrate a ratchet brace properly unless it is used in actual practice. The demonstration is often unsatisfactory and is time consuming, but, by having a brace on a display stand, as shown, the conditions of operation are substantially the same as when the brace is in actual use for a practical purpose.

We claim:

1. The combination in a display stand for ratchet braces, of an easel for supporting the brace; a base for the easel; a socket at the base arranged to receive the end of the chuck carried by the brace and to frictionally hold it against the action of the ratchet mechanism; and a bearing for the opposite end of the brace, said bearing being mounted on the easel, the brace being free to be turned from side to side of the easel.

2. The combination in a display stand for ratchet braces, of a base; an easel pivoted to the base; means for holding the easel in an inclined position; a block on the base in front of the easel, said block being of rubber and having a socket to receive the chuck of the brace and to hold it against the ratchet mechanism of the brace when returning after a forward movement; and an open bearing on the easel for the upper end of the brace, so that on lifting the brace clear of the block and bodily turning it the brace can be removed from the display stand.

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