

D. R. Harris

Easel.

N^o 113,049.

Patented Mar. 28, 1871.

Fig. 1.

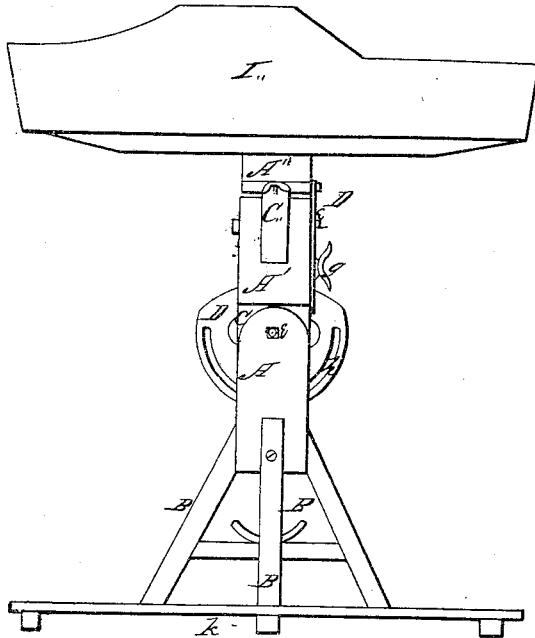
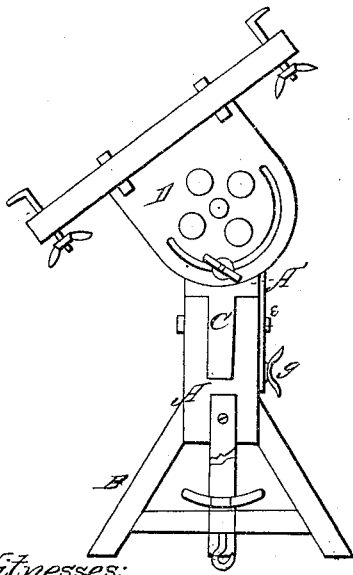


Fig. 3.



Witnesses:

*D. C. Colby
C. de Mils*

Fig. 2.

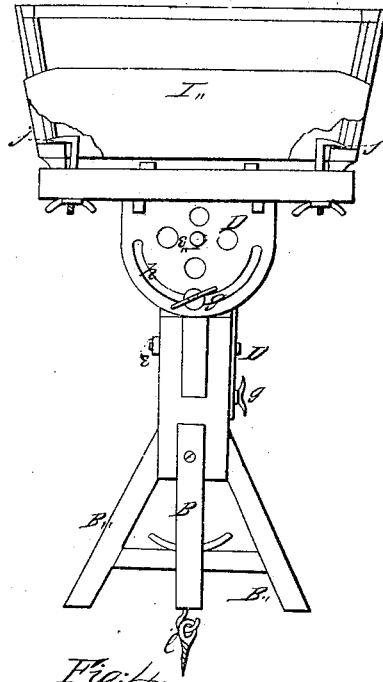
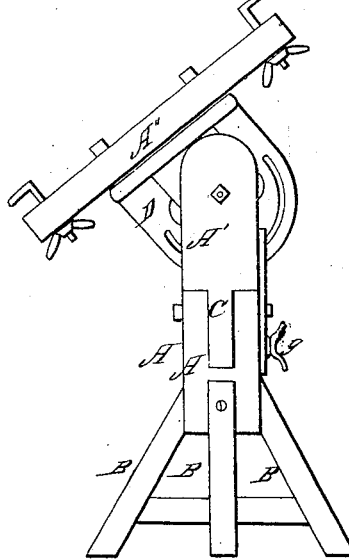


Fig. 4.



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D. R. HARRIS, OF SOUTH NEW BERLIN, NEW YORK.

Letters Patent No. 113,049, dated March 28, 1871; antedated March 16, 1871.

IMPROVEMENT IN COACH-PAINTERS' EASELS.

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

To whom it may concern:

Be it known that I, D. R. HARRIS, of South New Berlin, Chenango county, and State of New York, have invented a new and useful machine, which I denominate a Universal Trestle for Holding Carriage or Buggy-Bodies, or the wheels of carriages and other articles, while undergoing finishing, repairing, or painting.

The object of my invention is to afford facilities for turning any side of the work to the light, or to a desired position for convenient application of the tools in use, and especially to present the surface being painted or varnished in the most favorable position, and the following is a full and correct description of the same.

My invention consists in arranging upon one standard, that may be firm in the floor or otherwise, two right-and-left joints, placed to operate at right angles to each other, so that, by the almost endless variety of adjustment of these two joints, almost any position of the article being wrought upon is secured.

Figure 1 is a side elevation of the apparatus, with body of wagon-body attached.

Figure 2, another side view, lying at right angles to the first.

Figure 3, same view as fig. 2, save that the upper joint is turned partially to the left.

Figure 4, the reverse side of fig. 3, and the upper joint turned the opposite to the position in fig. 3.

A A' A", main post or standard, with two joints, made by mortise or slot and interlocking tenon C.

B, the feet or stay-braces.

C, tenons; fitting into corresponding slots, as may be seen in the drawings.

D, a metallic plate, through which and the tenon C and adjacent part of standard A passes the pivot *e*, on which the parts above turn.

g, a tightening-screw, passing through the circular slot *h* and into the wood at that part of the post A.

I represents a buggy-body now on the trestle.

j, clamps, by which the articles to be wrought upon are held in place.

k, frame or base upon which the superstructure stands.

l, link and staple, which may be used instead of the base *k*, and would hold the trestle to the floor of the shop.

It will readily be seen that, by the two joints illustrated in the drawings, any desired position of the work in hand can be obtained. The turning or tipping over laterally of parts of the post itself, as in figs. 3 and 4, gives adaptation to all forms of articles.

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

The standard, composed of the three parts A, A', and A", when arranged and combined with each other and the gauge-plates D, substantially as described and set forth.

D. R. HARRIS.

Witnesses:

R. H. MARSH,
D. C. COLBY.