

United States Patent Office.

CHARLES VARNEY, OF EAST BRIMFIELD, MASSACHUSETTS.

Letters Patent No. 102,888, dated May 10, 1870.

IMPROVEMENT IN PEGGING-JACKS.

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

To all persons to whom these presents may come:

Be it known that I, CHARLES VARNEY, of East Brimfield, of the county of Hampden, of the State of Massachusetts, have made a new and useful invention, having reference to Pegging-Jacks; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, in which—

Figure 1 is a side elevation, and

Figure 2, a transverse section of a pegging-jack provided with my invention, which consists—

First, in making the cam-supporter separate from the socketed post, and applying such supporter to such post by means of screws, so as to enable the supporter to be adjusted on the post relatively to the operative cam, as hereinafter explained.

Second, in the combination of a spring with the cam and its adjustable supporter, the holder and its sustaining-post, the purpose of the said washer and spring being to prevent the cam from being revolved by the concussion induced by blows of a hammer on a shoe, while supported by a last held by the jack.

The object of the adjustable supporter is to effect the proper adjustment of the cam with reference to the holder after either or both their bearing-surfaces may have become worn by friction or otherwise.

In the drawings—

A denotes the last-holder;

B, the heel-rest and clamp; and

C, the adjustable toe-rest of such holder.

The said holder is pivoted to the upper end of a sustaining-post, D, or spindle, so as to be capable of being turned in a vertical plane thereon, and such holder rests directly upon the upper edge of an inclined cam, E, provided with haddles *a a*, for effecting its revolution.

This cam, formed as shown in top view in fig. 3, in side elevation in fig. 4, and in transverse section in fig. 2, is arranged concentrically with reference to

the spindle or upright post D, and applied thereto, so as to be capable of being revolved horizontally thereon.

The said cam rests on an annular metallic washer, *b*, which, in turn, is superimposed upon a spring or circular mass, *c*, of India rubber or the equivalent thereof, resting upon a screw-nut or adjustable cam-supporter, F, which screws upon the spindle, or post D.

The metallic washer serves to prevent wear of the spring *c* by the cam, and such spring not only operates to prevent the cam from revolving under circumstances and by a cause as before mentioned, but also to prevent the nut or supporter F from being turned around or revolved by the same cause.

The additions which I have made to the jack render it much more serviceable and durable.

I make no claim to any device, combination, or arrangement of devices, as represented in the United States patent No. 46,484, granted February 21, 1865.

In the peg-jack described in such patent, the cam-supporter or bed-piece is in one piece with its socketed shanks, whereas, in my peg-jack, the two are in separate pieces and applied together, by means of screws, so as to enable the cam-supporting part F to be adjusted up or down on the post D, which is of much advantage, as hereinbefore mentioned.

Therefore, what I claim in the peg-jack described as my improvement is—

The cam-supporter F, as made separate from the sustaining part D, and applied to it by means, and so as to be adjustable thereon, as specified.

Also, in the peg-jack, as described, the combination and arrangement of the spring *c*, provided or not with the metallic washer *b*, with the holder A, its sustaining post D, the cam E, and the cam-supporter F, separate from the post D, and applied thereto by screws, as and for the purpose as set forth.

Witnesses:

R. H. EDDY,
J. R. SNOW.

CHARLES VARNEY.