

(No Model.)

H. PADDOCK.  
CHECK ROD FOR PLATFORM SCALES.

No. 524,266.

Patented Aug. 7, 1894.

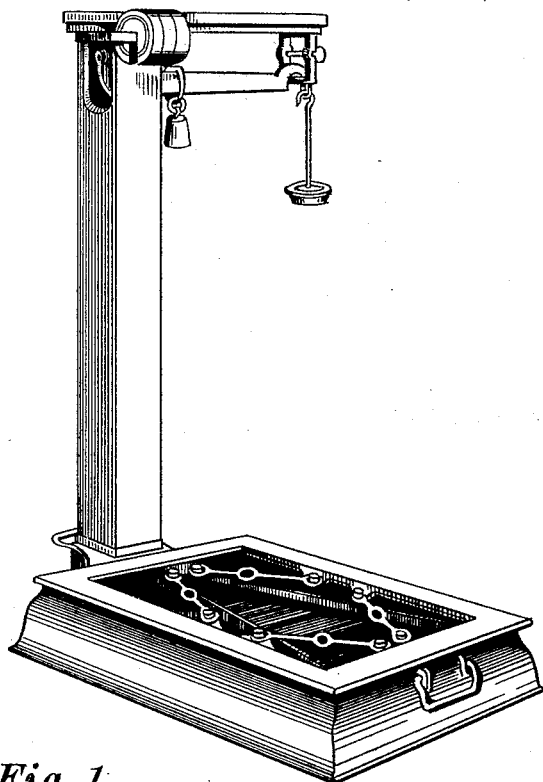


Fig. 1.

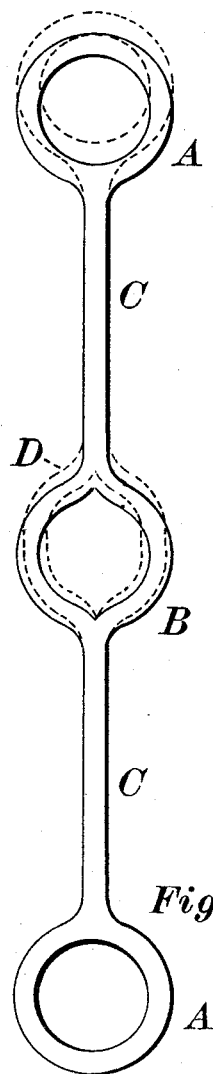


Fig. 2.

Witnesses,

*J. C. Clark*

*Wm. L. Tyler*

Inventor,

*Hamilton Paddock*

*By Chas. S. Sturtevant*  
*attorney*

# UNITED STATES PATENT OFFICE.

HARVLIN PADDOCK, OF ST. JOHNSBURY, VERMONT, ASSIGNOR TO THE  
E. & T. FAIRBANKS COMPANY, OF SAME PLACE.

## CHECK-ROD FOR PLATFORM-SCALES.

SPECIFICATION forming part of Letters Patent No. 524,266, dated August 7, 1894.

Application filed May 5, 1894. Serial No. 510,231. (No model.)

*To all whom it may concern:*

Be it known that I, HARVLIN PADDOCK, a citizen of the United States, residing at St. Johnsbury, in the county of Caledonia, State of Vermont, have invented certain new and useful Improvements in Check-Rods for Platform-Scales, of which the following is a description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to an improvement in platform scales, and particularly to a check rod or link used in the construction of such scales. These check rods are used for the purpose of connecting the platform of the scale to the frame in such a manner that the former will remain in position when a load is put upon it, while, at the same time, perfect freedom of motion of said platform while resting upon the bearings or pivots is allowed. It is customary to use four of these check rods, one for each corner, and they of course require to be nicely adjusted to fit each corner. As heretofore constructed, they have been made in the form of rods of wrought or malleable iron, having an eye on either end, and when they are required to be adjusted in length to accommodate the adjustment of the scale, said adjustment has been accomplished either by hammering upon the rod between the eyes, thus drawing it out, or by pounding upon the ends of the eyes to shorten them. It will be apparent that such treatment of the iron tends to weaken it and to get the eyes out of shape, whereas it is important they should be true.

My object, therefore, in the present invention is to provide an improved check rod, in which the adjustment may be accomplished without danger of weakening the metal and in a much simpler and easier manner than heretofore.

The invention, therefore, consists in the matters hereinafter described and referred to in the appended claims.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a platform scale with the top of the platform removed.  
Fig. 2 is a detail view of the check rod or link.

In the drawings I have shown my inven-

tion as applied to the ordinary Fairbanks platform scale.

C represents the check rod as a whole, which is made of wrought, malleable, homogeneous iron or steel. It is provided on either side with an eye A, whereby it is properly connected to the desired parts by any suitable means, as bolts. Said rod is formed with a third eye B by means of which the proper adjustment is given the rod or link without, as in the usual construction above referred to, weakening the metal of which the rod is composed. To lengthen the check rod or link, it is only necessary to compress the eye in a vise or strike the side with a hammer, thus lessening the transverse and increasing the longitudinal diameter of the eye. To shorten the chain, it is only necessary to force a mandrel or punch of the proper size into the eye and increase its transverse diameter. It will be seen that by this arrangement the adjustment can be more quickly and easily made than formerly and that too without any injury to the metal of which the check rod is composed.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a platform scale, a check chain or link comprising a rod having attaching means on either end and having an intermediate integral adjustable portion bent out of the plane of the body of the rod, substantially as described.

2. The herein described check chain or link comprising a rod with attaching means on either end, and having an eye intermediate the ends, of such material that its transverse or longitudinal diameter may be lengthened to shorten or lengthen the rod respectively; substantially as described.

3. In a platform scale, a check chain or link comprising a rod having eyes on either end and having an intermediate integral eye of such material that its transverse or longitudinal diameter may be lengthened to shorten or lengthen the rod, respectively.

In testimony whereof I affix my signature in presence of two witnesses.

HARVLIN PADDOCK.

Witnesses:

J. C. CLARK,  
WM. C. TYLER.

It is hereby certified that the assignee in Letters Patent No. 524,266, granted August 7, 1894, upon the application of Harvlin Paddock, of St. Johnsbury, Vermont, for an improvement in "Check-Rods for Platform Scales," should have been described and specified as *The E. & T. Fairbanks & Company*, instead of "The E. & T. Fairbanks Company," and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 14th day of August, A. D. 1894.

[SEAL.]

JNO. M. REYNOLDS,  
*Assistant Secretary of the Interior.*

Countersigned:

JOHN S. SEYMOUR,  
*Commissioner of Patents.*