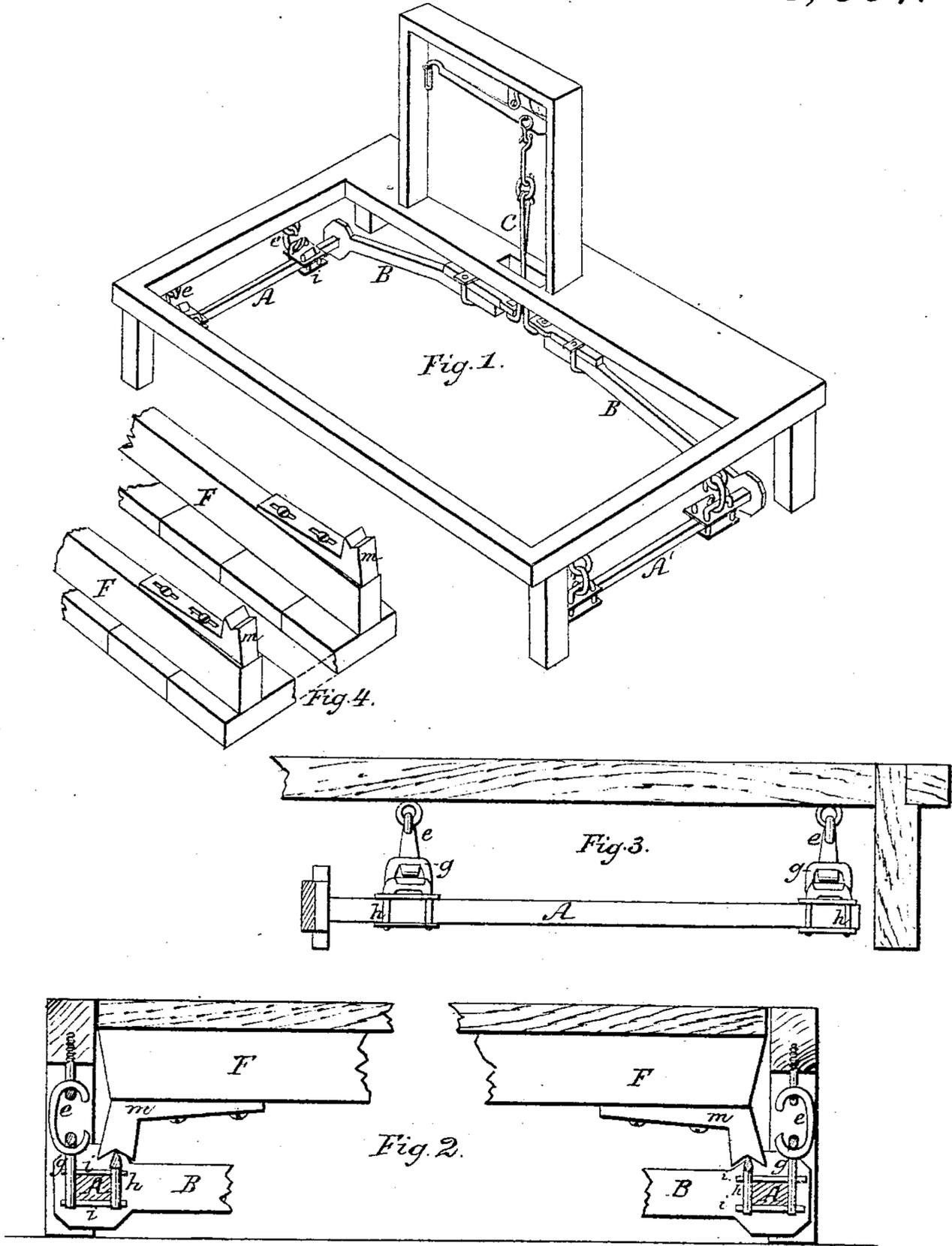


G. W. Jackson.
Balance Scales.

N^o 71,179.

Patented Nov. 19, 1867.



Witnesses

L. W. Nichols.
Christopher Moegling.

Inventor.

Geo. W. Jackson.
By Colby & Wilson.
his Attys.

United States Patent Office.

GEORGE W. JACKSON OF WYALUSING, PENNSYLVANIA.

Letters Patent No. 71,179, dated November 19, 1867.

IMPROVED PLATFORM SCALE.

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, GEORGE W. JACKSON, of Wyalusing, Bradford county, in the State of Pennsylvania, have invented certain new and useful improvements in Platform Weighing-Scales; and I do hereby declare the following to be a full and exact description of the same, reference being had to the drawings that accompany and form a part of these specifications, in which—

Figure I, perspective view of the working parts beneath the upper framework.

Figure II, sectional view.

Figure III, view of some of the small parts forming clasp and bearings combined.

Letters A A', two square shafts, lying along each end, as shown; letters B B', levers leading to the scale-beam rod C; letters F F', the floor-timbers; letters e e e e, four links, on which the shafts A A' are suspended; letters g g g g, four staples or stirrups, forming at the same time a bearing on the hooks e and bolts in connection with the plates i i; letters h h h h, four staples on the opposite sides of the bars A, and in reverse position to g g g g; letters i i, plates, one on the top of the other, at the bottom of the bars or shafts A A', and a pair of these at each corner; letters m m m m, arms on the ends of the timbers F.

The object of my invention is to provide a more simple structure for platform scales, and the various parts so attached and combined as to be readily adjustable, so that all the bearings may be kept in desired position.

The bolts or staples g and h are made of steel, and are easily taken out without removing any other parts, and may be sharpened and polished readily and replaced, or duplicates formed and put in; although in doing this, both g and h should not be removed at the same time. After one has been removed and repaired and replaced, the other can be, without disarranging the parts.

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

1. The use of the stirrups g and the stirrups h, when performing the double purpose of affording bearings for the floor-beams k k and the hooks or links e, and of clasping the shafts A, in connection with the plates i, all arranged substantially as described, and for the purposes set forth.

2. I claim the slotted arms m on the ends of the floor-timbers F, when used in platform weighing-scales, substantially as shown and described.

GEORGE W. JACKSON.

Witnesses:

D. C. COLBY,

CHAS. F. WILSON.