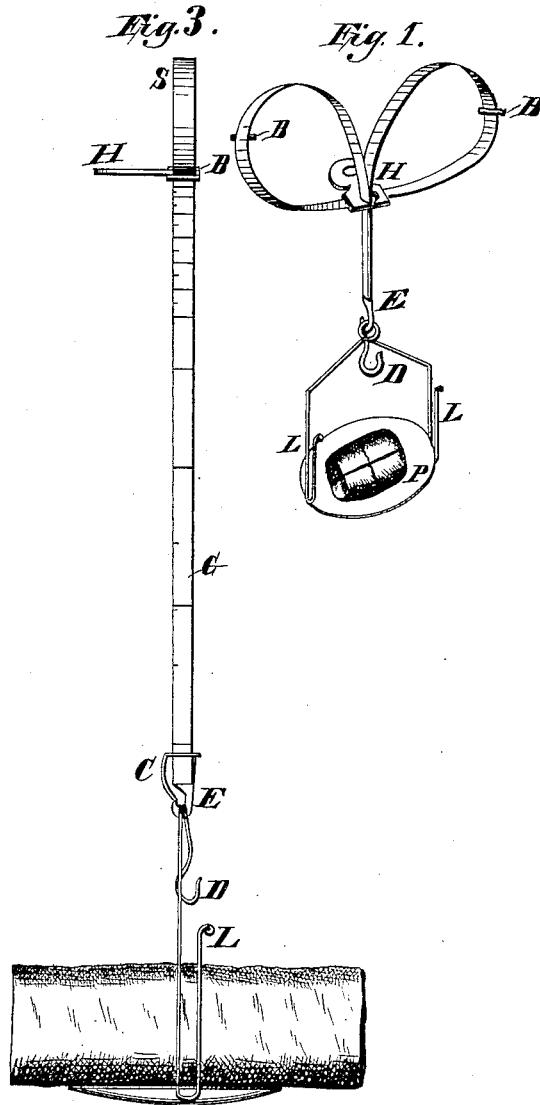
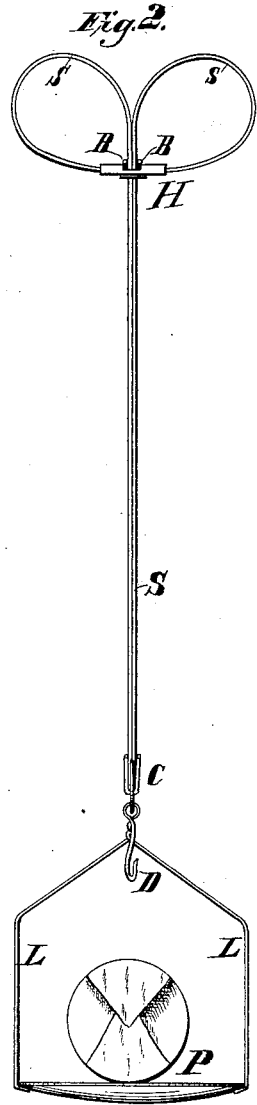


W. B. & J. S. ROSS.
Spring-Scales.

No. 200,765.

Patented Feb. 26, 1878.



Attest:

J. C. Neely
C. E. Lewis.

Inventors.

W. B. Ross
Jos. S. Ross.

UNITED STATES PATENT OFFICE.

WILLIAM B. ROSS AND JAMES S. ROSS, OF NASHVILLE, TENNESSEE,
ASSIGNORS OF ONE-HALF THEIR RIGHT TO EDWARD R. CAMPBELL
AND HARRY HARRISON, OF SAME PLACE.

IMPROVEMENT IN SPRING-SCALES.

Specification forming part of Letters Patent No. **200,765**, dated February 26, 1878; application filed
September 27, 1877.

To all whom it may concern:

Be it known that we, WILLIAM B. ROSS and JAMES S. ROSS, of Nashville, in the county of Davidson and State of Tennessee, have invented a new and useful Improvement in Spring-Scales, for weighing mail matter and other light articles, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective view, Fig. 2 is a front view, and Fig. 3 is a side view, of the invention.

In the drawing, S S are the springs, of flat steel, bent in the manner shown, and attached to the handle H, which may be screwed to a support, if desired.

The springs are marked on the graduation side G with lines showing the number of units of weights of the articles to be weighed.

P is a pan for holding articles to be weighed. L L are hooks for holding letters. D is a hook upon which to hang anything suited to such a support. C is a spring-catch to prevent the hook or scale-pan from shaking away from the hook E. B B are stops fastened to the springs S S, to prevent them from bending to the extent of injury or breaking.

The invention is so constructed that the

price of sending letters by mail can be marked on the side of the springs S S opposite the graduated side G.

It will be seen from the foregoing that when a weight is attached to hook D or placed in the scale-pan P, and the scales are supported by the handle H, the ends of the springs S S, at E, will be drawn downward; and if they are properly graduated the weights and the cost of postage may be read off from the number of the graduations nearest the handle H.

It will be seen that when the stops B B touch the handle H the springs can be drawn down no farther, thus securing them against breaking.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination, in a spring-scale, of the springs S S, handle H, graduations G, pan P, hooks L L, hook D, spring-catch C, and stops B B, all arranged substantially as described and shown.

W. B. ROSS.
JAS. S. ROSS.

Witnesses:
J. W. CAMPBELL,
E. S. WHEAT.