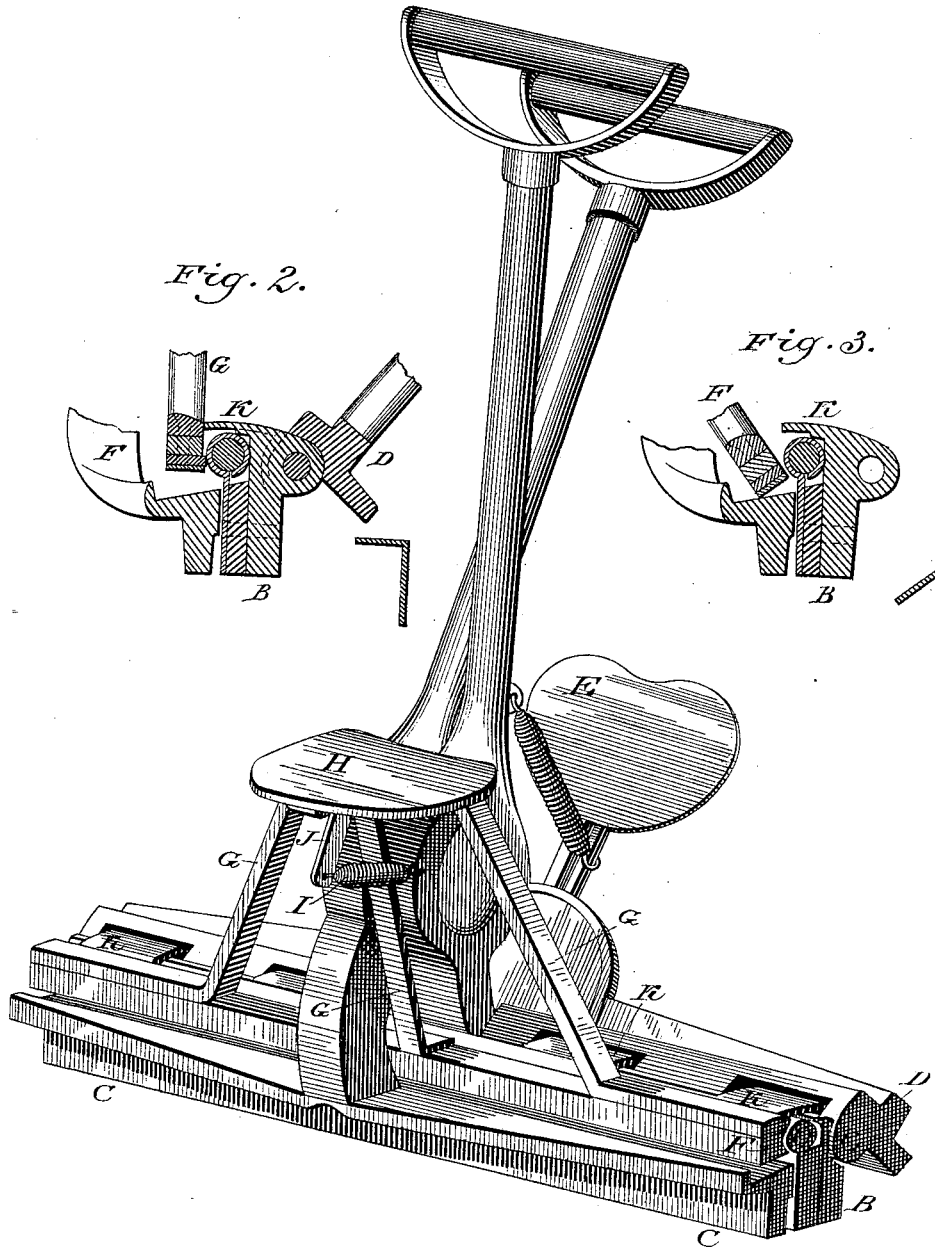


(Model.)

O. W. BURRITT.
DOUBLE SEAMING MACHINE.

No. 266,604.

Patented Oct. 31, 1882.



Witnesses:
William J. Cornwall
S. N. Titus.

Inventor:
Oron W. Burritt

UNITED STATES PATENT OFFICE.

ORRIN W. BURRITT, OF WEEDSPORT, NEW YORK.

DOUBLE-SEAMING MACHINE.

SPECIFICATION forming part of Letters Patent No. 266,604, dated October 31, 1882.

Application filed August 28, 1882. (Model.)

To all whom it may concern:

Be it known that I, ORRIN W. BURRITT, a citizen of the United States, residing at Weedsport, in the county of Cayuga and State of New York, have invented a new and useful improvement in double-seaming machines for locking or double-locking the joints of sheet-metal roofing, of which the following is a specification.

My invention relates to improvements in my double-seaming machine for standing-seam metal roofing, patented in the United States November 14, 1871, No. 120,851.

Figure 1 is a perspective view of the complete device. Figs. 2 and 3 are cross-sections, showing the construction of the jaws and lip.

Similar letters refer to similar parts throughout the several views of the parts that I present as an improvement upon my patent of November 14, 1871, No. 120,851.

The original letters on my former patent are B C D E. The improved lip or projection F is now attached to bar B by the use of a hinge, the under surface being in proper shape to correspond with the top surface of bar C, leaving a gage between for the metal to pass when being drawn over to a right angle. To lip F, I connect by standards G G G a treadle-plate, H, for the purpose of pressing down the lip by foot-power, and the treadle-plate is drawn back to a permanent position by spring I, attached to stem J, and bar B, constructed with lugs K, these being combined with bar C and opposite treadle-bar D and foot-plate E of my former patent, No. 120,851.

To enable others to use my improved double-seamer, I will describe it more in detail, referring to the drawings, and to the letters marked thereon.

The improvement consists in a continuous hinged lip or projection, instead of a fixed lip or projection, (as formerly,) for turning over

the edge of the metal. To this hinged lip is attached by standards a treadle-plate, for the purpose of giving a downward pressure, leaving the edges turned at a right angle or more to overcome the elasticity or spring of the metal, and suitable for the opposite treadle-bar D to take the edge and close it down without a liability of the edge to ride back under the seamer.

It will be observed that when lip F is drawn back by spring I against the lugs or supports placed upon bar B it causes a firmness, the same as if it was formed by a fixed lip or projection, (as formerly,) and does not require so close gage between the lip and corresponding bar C to perform the work, and less liability to rub or cut the metal while drawing over the edge.

The operation above mentioned completes a single lock. The same operation is gone through with by the use of another machine constructed in the same manner, only the bars B and C are enough narrower to drop the seamer down suitably to catch the metal and turn the edge over again in the same way and the same angle. The foot-power applied to treadle-plate E with a down pressure completes the double lock.

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

1. The combination of the jaw C, bar B, and hinged lip F, and means for operating the lip, substantially as and for the purpose set forth.

2. The means for self-adjustment of hinged lip, consisting of the spring I, attached to the hinged lip, and to the bar B and stop-lugs K, arranged to operate substantially as herein shown and described, for the purposes set forth.

ORRIN W. BURRITT.

Witnesses:

S. N. TITUS,

WILLIAM I. CORNWELL.