

(No Model.)

J. M. & W. J. DEVERS.
SEAMING ROLLER FOR TIN ROOFS.

No. 496,970.

Patented May 9, 1893.

Fig. 1.

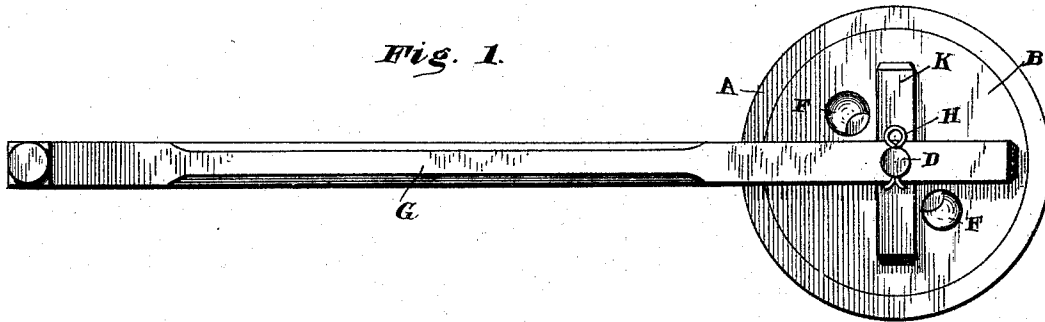


Fig. 2.

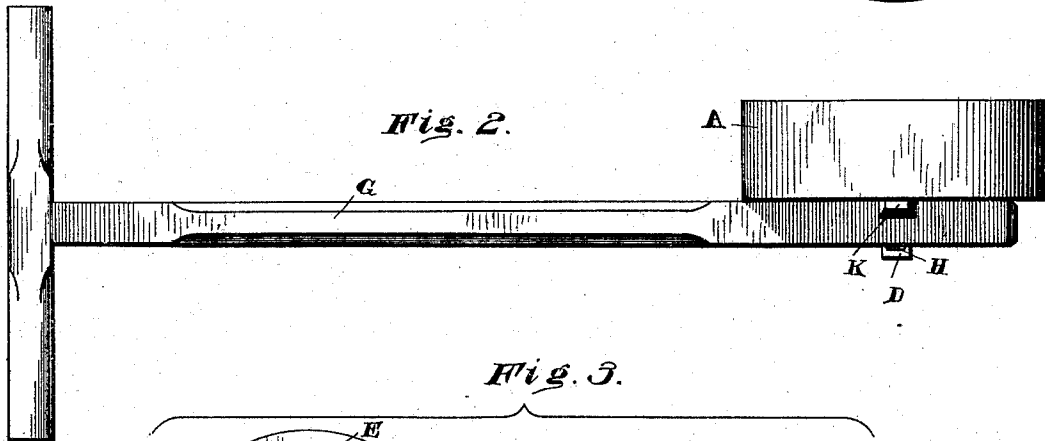
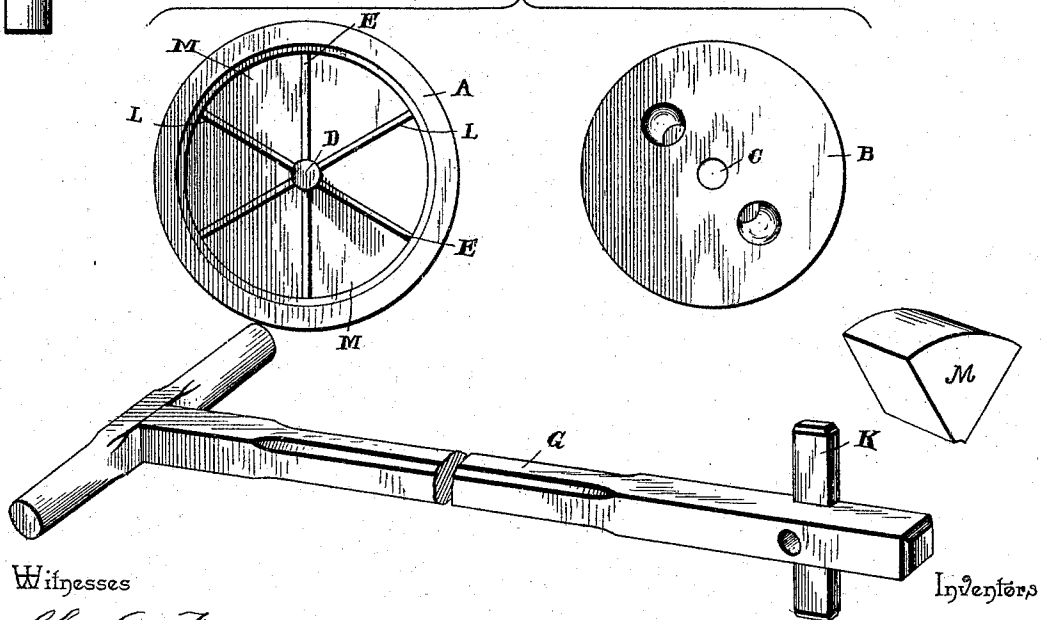


Fig. 3.



Witnesses

Chas. A. Ford.

Chas. A. Ford

By their Attorneys,

James M. Devers, Jr.
William J. Devers

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UNITED STATES PATENT OFFICE.

JAMES M. DEVERS AND WILLIAM J. DEVERS, OF SCRANTON, PENNSYLVANIA.

SEAMING-ROLLER FOR TIN ROOFS.

SPECIFICATION forming part of Letters Patent No. 496,970, dated May 9, 1893.

Application filed July 15, 1892. Serial No. 440,158. (No model.)

To all whom it may concern:

Be it known that we, JAMES M. DEVERS and WILLIAM J. DEVERS, citizens of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented a new and useful Seaming-Roller for Tin Roofs, of which the following is a specification.

Our invention relates to seaming rollers for tin roofs, and has special reference to the construction of the roller proper and means for weighting the same as desired, the objects in view being to provide a simple, cheap, durable, and effective implement for rolling seams in tin-roofing; to provide means for varying the weight of the roller as necessary; and to provide means for gaining access to the weight-holder without needless exertion or loss of time.

Our invention is fully described in connection with the accompanying drawings, and the novel features thereof are particularly pointed out in the claims.

In the drawings: Figure 1 is a side view. Fig. 2 is a plan view. Fig. 3 is a side view of the roller with the handle and cap detached, the handle and weight being shown in perspective.

The shell A of the roller is provided with a removable cap B, which fits in rabbets in the inner edge of the shell, and is provided with a central opening C, to receive the projecting end of the axle D. One end of the axle is secured in the permanent side-wall of the shell, and is further braced and secured in place by the radial webs or partitions E, the outer ends of which take into openings or grooves in the inner surface of the shell. The removable cap is further provided with finger-holes F, to enable it to be removed from the shell.

The axle projects laterally beyond the removable cap, and the handle G is provided with a bearing to receive said projecting end and being held in place thereon by a locking-pin H. The inner surface of the handle bears

upon the outer surface of the removable cap and is further provided with a transverse bar K, flush at its inner surface with the corresponding surface of the handle to bear on said cap.

The spaces or compartments L, between the radial webs or partitions, are fitted with removable weights M, which correspond with said spaces or compartments in shape. Either all or any desired number of these weights may be used, as required, thus enabling the operator to vary the weight to suit the particular roofing-metal which is being laid.

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

1. In a seaming roller, the hollow shell provided with a handle and having interior radial webs or partitions, and removable sector-shaped weights fitted between said partitions, substantially as specified.

2. In a seaming roller, the hollow shell provided with a central laterally-projecting axle, radial webs extending from said axle to the periphery of the shell, removable weights arranged between said webs, and a handle mounted upon the projecting end of the axle, substantially as specified.

3. In a seaming roller, the combination with a hollow shell provided with removable weights and having a laterally-projecting axle, of a removable cap filling one side of the shell, and a handle mounted upon the projecting end of the axle and bearing against said cap to hold it in place, substantially as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

JAMES M. DEVERS.
WILLIAM J. DEVERS.

Witnesses:

G. W. MILLER,
MARY C. POWELL.