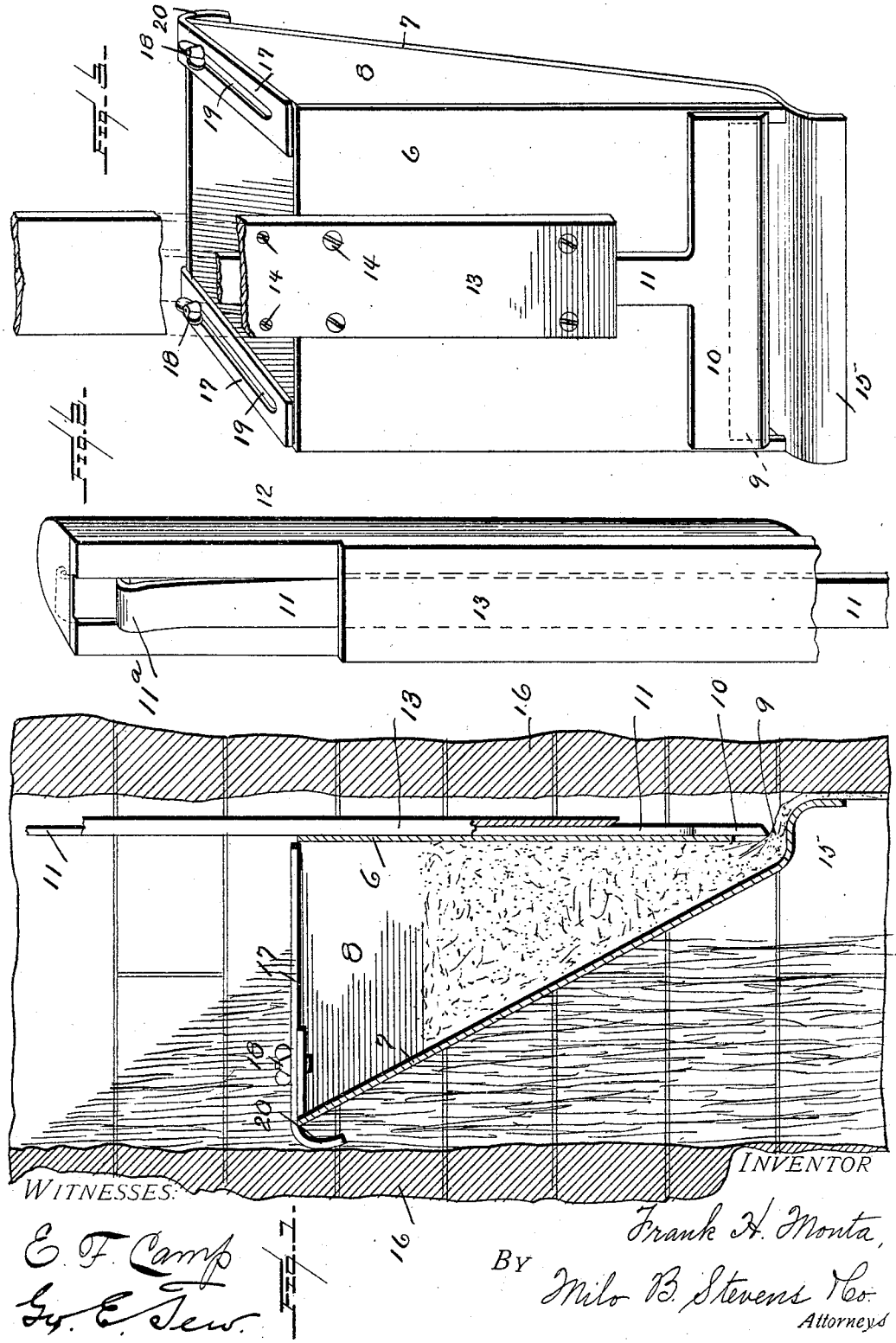
No. 807,301. PATENTED DEC. 12, 1905.

F. H. MONTA.

PLASTERING IMPLEMENT.

APPLICATION FILED APR. 28, 1905.




WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRANK H. MONTA, OF AKELY, MINNESOTA.

## PLASTERING IMPLEMENT.

No. 807,301. Specification of Letters Patent. Patented Dec. 12, 1905.

Application filed April 28, 1905. Serial No. 257,864.

*To all whom it may concern:*

Be it known that I, FRANK H. MONTA, a citizen of the United States, residing at Akely, in the county of Hubbard and State of Minnesota, have invented new and useful Improvements in Plastering Implements, of which the following is a specification.

This invention is a device for plastering the inside of chimneys, and particularly for replastering the inside of old chimneys which have become leaky for the purpose of making them tight and fireproof.

The object of the invention is to produce a device which is operated from the top of the chimney, and it comprises, speaking generally, a hod to hold the mortar, a long handle to raise and lower the same, and a rod to operate a gate in the hod controlling the outflow of the mortar. Means are also provided for confining the hod to the wall of the chimney.

In the accompanying drawings, Figure 1 is a vertical sectional view of the device in a chimney. Fig. 2 is a perspective view of the top end of the operating-handle. Fig. 3 is a perspective view showing the front of the hod.

Referring specifically to the drawings, the hod is composed of a flat front 6 and an inclined back 7, with sides 8, these parts being preferably made of sheet metal, although they may be made of wood or other material. At the lower edge of the front 6 is an outlet-slot 9, extending horizontally across the bottom of the hod, and this slot is controlled by a gate 10, which is connected to and operated by a rod 11, which extends in a groove in the handle 12 to the top thereof. Said handle is fixed to a plate 13, which is secured by screws 14 to the front 6 of the hod. The plate 13 is grooved on its under side to allow the passage of the rod 11.

It is intended that different-sized hods shall be made to suit different-sized chimneys, and the screw connection at 14 enables the same handle to be used on several hods.

The inclined back 7 of the hod is continued below the bottom thereof to form a curved lip 15, which extends forwardly from the bottom edge of the hod and is shaped to spread and smooth the mortar upon the inside of the wall of the chimney, which is indicated at 16. To confine and press the lip 15 against the wall of the chimney, adjustable springs 17 are used. These are adjustably secured to the top of the hod by set-screws 18, operating in slots 19 in the spring-pieces, and the rear ends of the side pieces are curved down, as at 20, to contact with the wall of the chimney opposite to that which is being plastered. There is one of these springs at each side of the hod. The upper end of the rod 11, controlling the valve, has a hook $11^a$, which may be engaged over the upper end of the handle 12, as indicated in dotted lines in Fig. 2, to hold the valve open.

In use the hod 8 is filled with soft mortar, the valve 10 being closed. It is then lowered to the bottom of the chimney, the springs 17 being set to fit. The valve is then opened and the hod lifted to the top of the chimney. The mortar flows out over the lip 15 and is smoothed and pressed against the wall of the chimney, plastering that side thereof, and in similar manner all the sides are plastered. A leaky chimney can thus be repaired on the inside at small cost and in a short time.

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

1. An implement for plastering vertical walls, comprising a mortar-hod having a valve at the lower edge of the front wall thereof, an inclined bottom leading to the valve and terminating in a lip which projects forwardly under the valve beyond the front wall of the hod, so as to spread and smooth the mortar on the wall being plastered, and an operating-handle connected to the hod.

2. An implement for plastering the inside of chimneys and the like, comprising a mortar-hod having a valve at the bottom and a smoothing and spreading lip projecting thereunder, a handle connected to the hod, to raise and lower the same, and means projecting at the back of the hod, and adapted to contact with one wall of the chimney, to press the lip against the other wall.

3. An implement for plastering the inside of chimneys and the like, comprising a mortar-hod having an opening in the side at the bottom and a lip below the same arranged to spread the mortar on one wall of the chimney,

a gate-valve at said opening having an operating-rod extending upwardly therefrom, a handle connected to the hod, and adjustable springs secured to the hod and extending backwardly to contact with the opposite wall of the chimney.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK H. MONTA.

Witnesses:
BERT RODMAN,
F. S. TUFTS.