No. 886,214. PATENTED APR. 28, 1908.

A. F. HOUCK.

SEAM CLOSER.

APPLICATION FILED JULY 31, 1907.

Fig. 1.

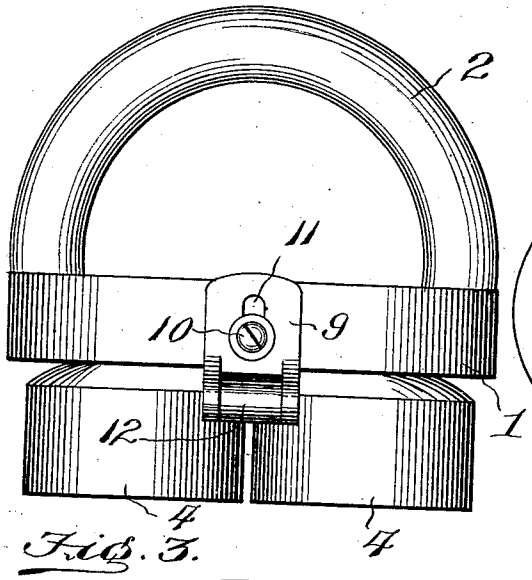
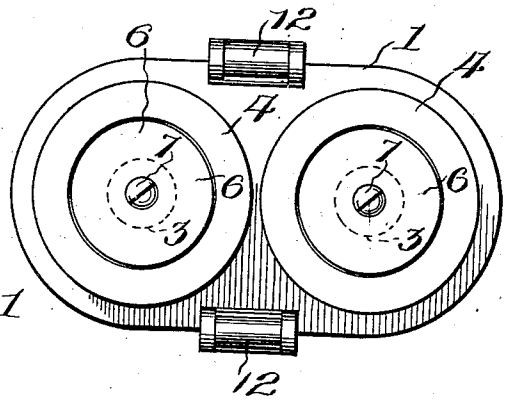


Fig. 3.

Fig. 2.



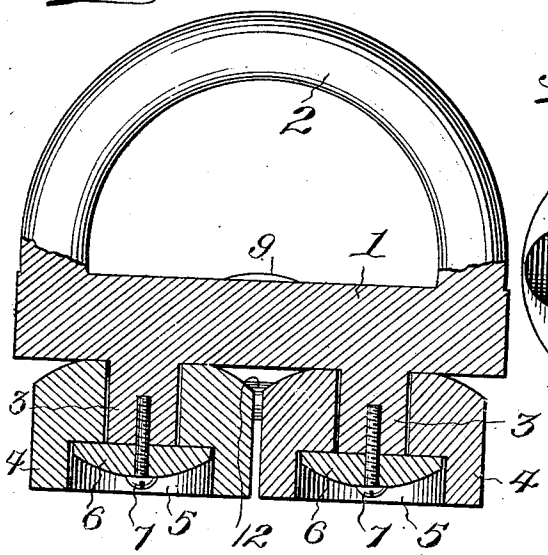
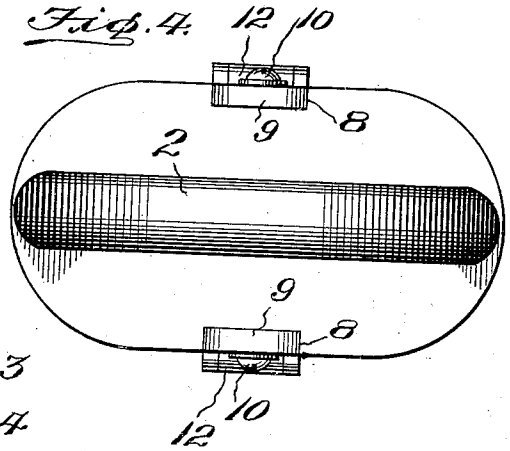


Fig. 4.



Witnesses

J. T. L. Wright,

M. Bagger.

Inventor

Asa Frank Houck,

By Victor J. Evans

Attorney

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ASA FRANK HOUCK, OF EASTON, PENNSYLVANIA.

SEAM-CLOSER.

No. 886,214. Specification of Letters Patent. Patented April 28, 1908.

Application filed July 31, 1907. Serial No. 386,463.

To all whom it may concern:

Be it known that I, ASA FRANK HOUCK, a citizen of the United States, residing at Easton, in the county of Northampton and State of Pennsylvania, have invented new and useful Improvements in Seam-Closers, of which the following is a specification.

This invention relates to devices for closing the seams of sheet metal as in roofing, cornice work, and the like; and it has for its object to provide a device of this class which shall possess superior advantages in point of simplicity, durability and general efficiency, and which may be operated expeditiously and with good results.

With these and other ends in view which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the claims.

In the accompanying drawing has been illustrated a simple and preferred form of the invention; it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the claims may be resorted to when desired.

In the drawings: Figure 1 is a side elevation of a seam closer constructed in accordance with the invention. Fig. 2 is a bottom plan view. Fig. 3 is a longitudinal vertical sectional view. Fig. 4 is a top plan view.

Corresponding parts in the several figures are denoted by like characters of reference.

The improved device or apparatus comprises a body 1 of oval or elliptical form, having an arched handle 2 whereby it may be conveniently manipulated. The body 1 is provided with downward extending suitably spaced lugs or bosses 3—3 upon which the seam closing rollers 4—4 are supported for rotation; said rollers being provided at their outer ends with recesses 5 for the reception of washers 6 which are secured upon the lugs or bosses 3 by suitable fastenings, such as screws 7; the rollers 4 will thus be securely retained upon the supporting lugs 3 and will be free to rotate upon the latter.

The body plate 1 is provided at its front and rear edges with vertical recesses 8 for the reception of slides 9 which are vertically adjustable in said recesses where they may be secured at various adjustments by means of screws 10, entering the body plate 1 through slots 11 in said slides; the latter are provided at their lower ends with suitably supported horizontally disposed guide rollers 12; said guide rollers being obviously supported at approximately right angles to the seam closing rollers 4—4.

The manner of using the improved implement will be readily understood by those skilled in the art to which it appertains; by the use of this tool, seams may be closed much more expeditiously and effectively than by the means usually employed, and the work may be performed without the assistance of a helper, thus materially reducing the expense of the work.

I claim:

1. In a device of the class described, a body plate having an integral upward extending hand and downward extending spaced lugs, seam closing rollers supported for rotation upon said lugs and having recesses at their outer ends, washers fitted in said recesses and secured upon the lugs, and slides adjustably engaging the front and rear edges of the body plate and carrying supporting rollers.

2. In a device of the class described, a body plate having an upward extending handle, downward extending lugs and provided at its front and rear edges with vertical recesses intermediate the lugs, seam closing rollers supported for rotation upon the lugs, slides mounted adjustably in the vertical recesses, and rollers carried by the slides, said rollers being disposed approximately at right angles to the seam closing rollers.

In testimony whereof, I affix my signature in presence of two witnesses.

ASA FRANK HOUCK.

Witnesses:

E. F. HOUCK,

CHAS. B. BRUNNER.