(No Model.)

A. HUFFER.

BUTTON HOLE MARKER.

No. 353,064. Patented Nov. 23, 1886.

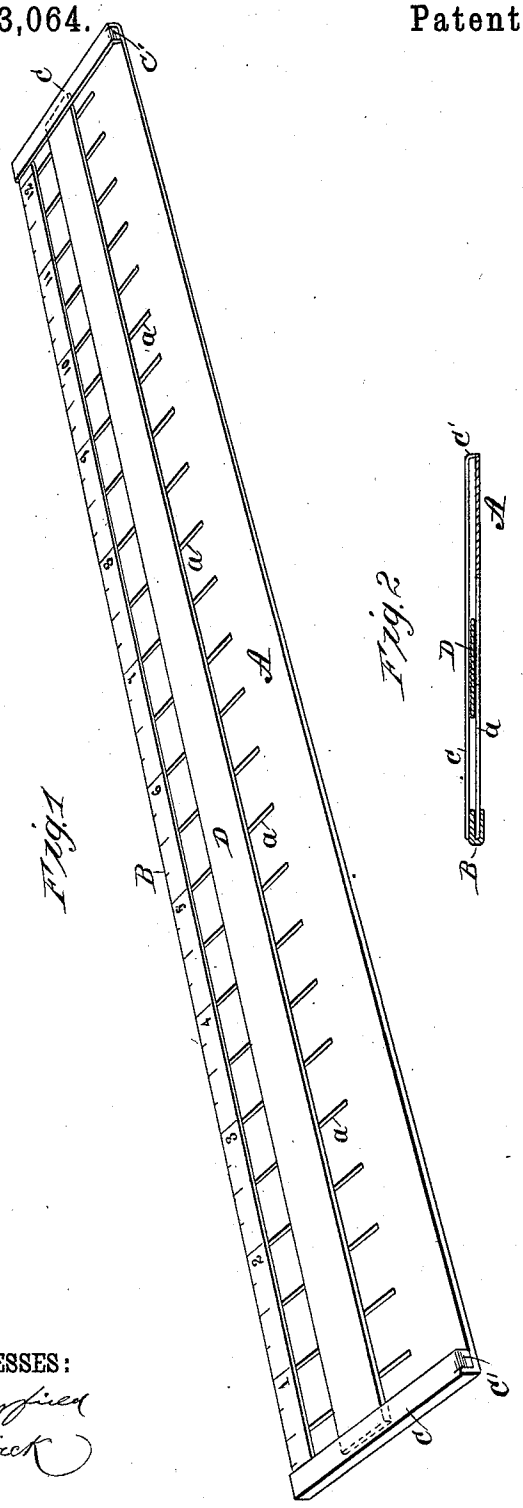

Fig. 1.

Fig. 2.

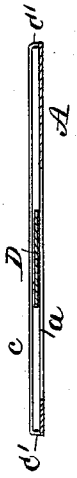

Fig. 3.

WITNESSES:

J. D. Garfield

C. Sedgwick

INVENTOR:

A. Huffer

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ANNA HUFFER, OF COWDEN, ILLINOIS.

BUTTON-HOLE MARKER.

SPECIFICATION forming part of Letters Patent No. 353,064, dated November 23, 1886.

Application filed July 13, 1886. Serial No. 207,901. (No model.)

To all whom it may concern:

Be it known that I, ANNA HUFFER, of Cowden, in the county of Shelby and State of Illinois, have invented a new and Improved Button-Hole Marker, of which the following is a full, clear, and exact description.

My invention relates to button-hole markers, and has for its object to produce a marker of simple construction, whereby the greatest number of perfect button-holes can be marked or cut in the shortest space of time with the least trouble at regular intervals and of the same length and distance from the edge.

It consists, to that end, in the construction and combination of the parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my button-hole marker, and Fig. 2 is a transverse section thereof. Fig. 3 is a section of a modified form thereof.

A represents the main body of the marker, made of a flat piece of metal or other suitable material, usually three inches in width, having lips C' C' at one side, upon each end, and provided with a series of slots, *a*, cut therein at intervals of half an inch from the front edge back to within about three-quarters of an inch from the opposite edge, through which the button-holes are marked or cut.

Over the front edge of the body A is bent a strip, B, U-shaped in cross-section, about a quarter of an inch wide, that being the usual distance button-holes are cut from the edge of fabric. Upon the upper face of the strip B is stamped or otherwise produced a scale indicating one foot, which is the usual length of the finished marker, and the fractional parts of a foot, the lines designating the half-inch and inch alternately centering the slots *a*. When the scale B is thus bent over the body A, the slots measure two inches, the cut of the largest button-hole ordinarily used.

The guide D, formed of a narrow strip of metal nearly the length of the marker, is adapted to slide freely in ways formed by folding the ends C of the plate of the body A inward and over the same, and the lips C' C' thereon down to a bearing upon the plate, to form a support at one end for the folded portion C, the other end receiving support from the scale-plate B. The lips C' C', when thus bent down, serve the dual purpose of contributing to the support of the folded ends C a suitable distance above the body A, to allow the guide-plate D ample play therein, and of stops preventing the said guide-plate from sliding from its position on the said body A.

I sometimes omit the binding-strip upon the front edge and stamp the scale in the body itself. The slots are then cut a quarter of an inch from the front or scale edge, extending back the same distance, or two inches. The body in this event is made of a plate formed with lips upon each side of the end, so that a stop is formed upon each edge for the sliding guide-plate, as illustrated in Fig. 3.

The slots may be cut in the body one-eighth, one quarter, or three-quarters of an inch apart, or at any interval found necessary in use, and the marker may be made larger or shorter without departing from the spirit of my invention. A marker twelve inches in length, as shown, and with the slots cut at intervals of half an inch, I find, however, the most convenient for general use.

By sliding the guide-plate D toward or from the front edge a short or long button-hole is had, as required.

Twenty-four button-holes a half-inch apart can be cut or marked by the marker, as illustrated, without moving the same from the cloth. Either large or small holes can be cut, and the distance between the button-holes can be made greater by skipping the necessary number of slots. In marking or cutting a lengthy piece of goods (after the space of one foot has been covered) a mark is made on the goods at the end of the marker which measures just one-half or one-quarter of an inch (as the slots are intervaled) from the center of the last slot to the outside of the bent end C. The mark thus made is covered by the first slot in the marker, and the operation of marking continued, and so on to the end of the piece.

The construction of my marker is very simple, being free from parts liable to disarrangement or breakage, and by its use a number of

perfect button-holes can be accurately and expeditiously cut or marked without raising the marker from the goods.

The operation is as follows: The marker is placed with its front or scale edge even with the edge of the cloth in which the holes are to be cut. The guide D is then slid toward the front, the distance being regulated according to the size of the hole desired, and held in place with the fingers of the left hand, while with the right the holes are marked or cut half an inch, an inch and a half, two inches, or as far apart as the operator wishes, all the button-holes being marked or cut the same distance from the edge of the cloth and all the same distance apart and of the same length.

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

1. A button-hole marker consisting of a main body, A, provided with a scale, and having regularly-spaced slots *a*, which align with the division-marks of the scale, and of a guide-plate, D, held to slide transversely on the body A, substantially as shown and described.

2. A button-hole marker consisting of a body, A, having upturned ends C, and stops C′, and provided with a series of slots cut therein at regular intervals, and a scale extending its entire length along one edge, together with a guide-plate, D, adapted to slide in ways formed by said upturned ends C, substantially in the manner and for the purpose herein set forth.

3. In a button-hole marker, the combination, with the slotted body A, having upturned ends C and stops C′, and provided with a sliding guide-plate, D, of the U-shaped metal plate B, provided with a scale upon its face adapted to be rigidly secured to one edge of the said body A, the lines thereon designating the half-inch and inch, alternately centering the slots cut in said body, substantially as shown and described, and for the purpose herein set forth.

ANNA HUFFER.

Witnesses:
F. SHERMAN,
C. T. TAGGART.