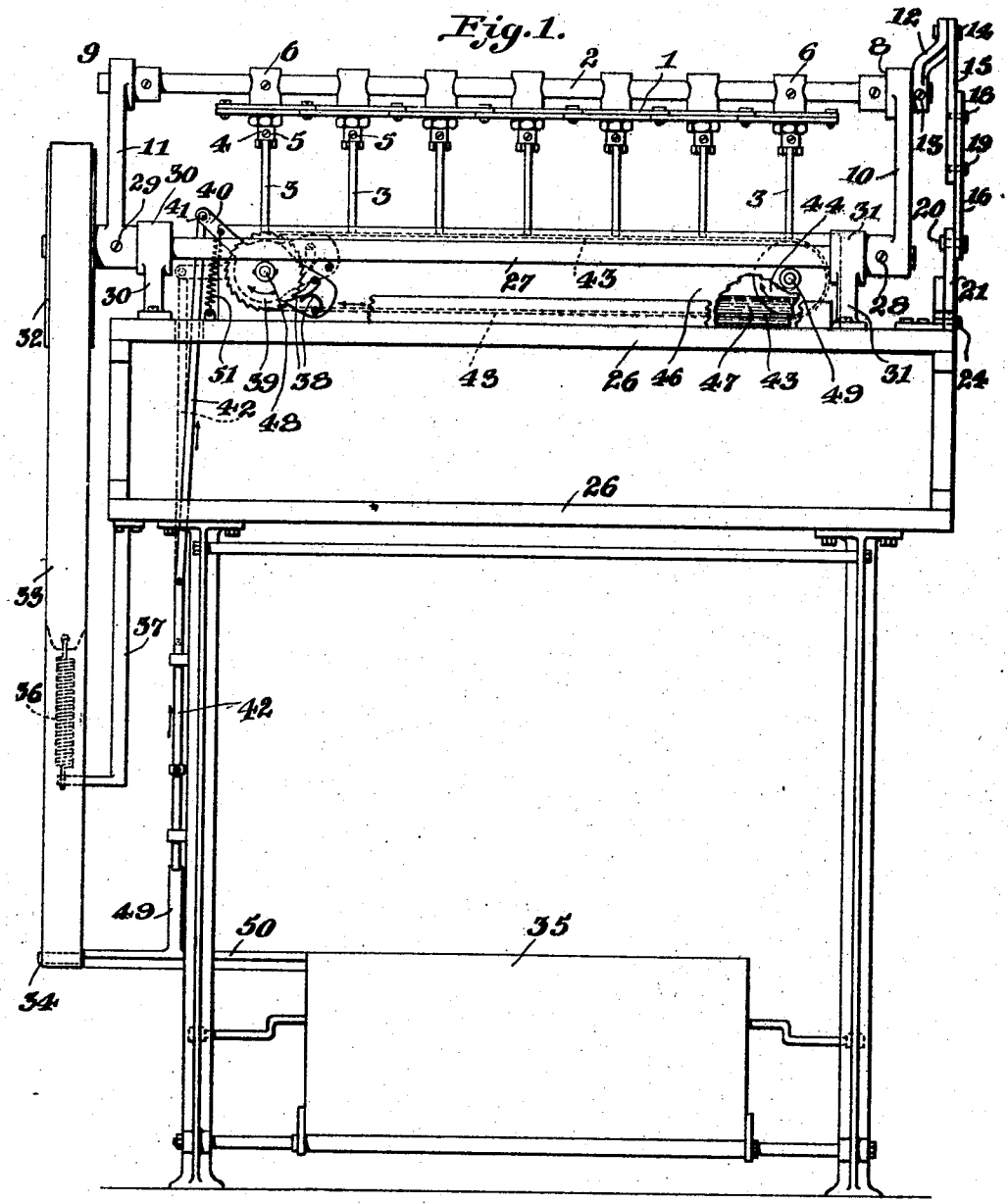
April 12, 1927. 1,624,622

O. J. PECTAL ET AL

MULTIPLE MARKER AND SPACER

Filed Nov. 13, 1925 3 Sheets-Sheet 1

Fig. 1.



Inventors

Oliver J. Pectal

AND Elton J. Palmer

By Mason Fenwick & Lawrence

Attorneys

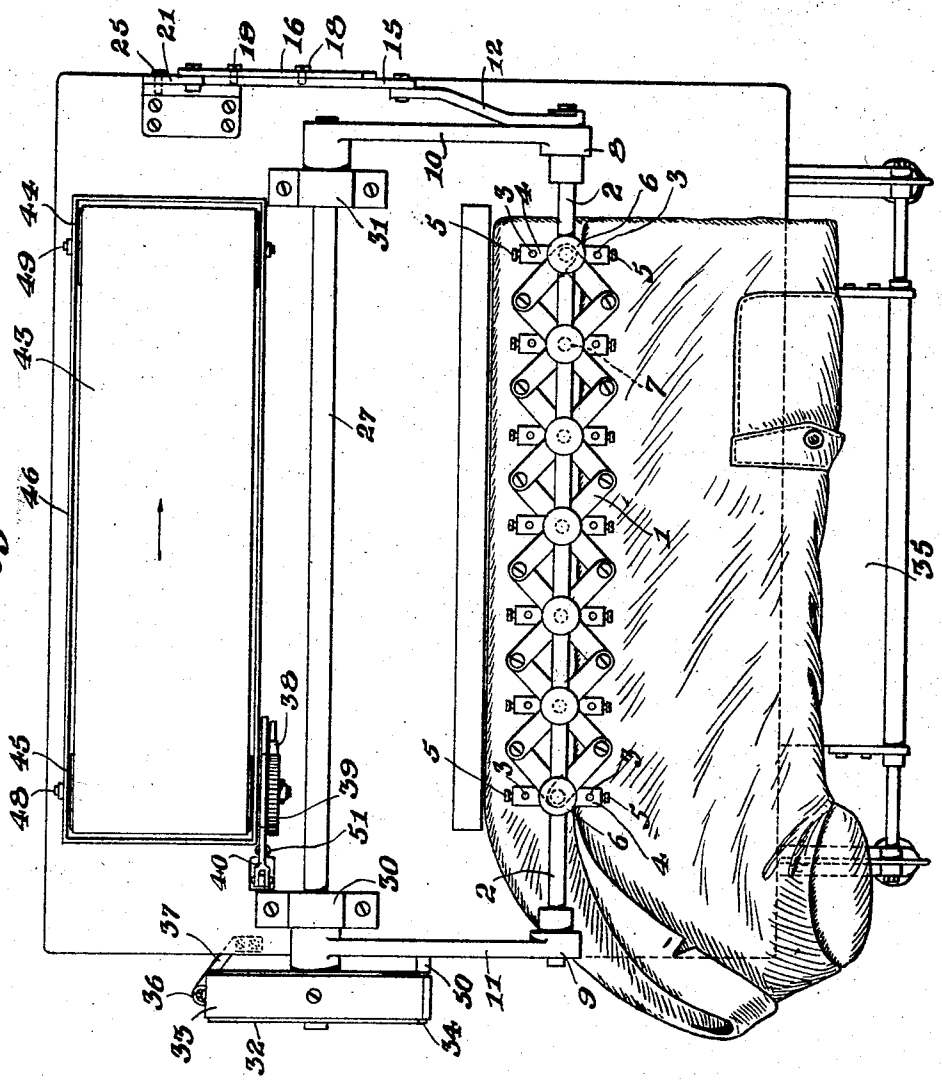
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O. J. PECTAL ET AL

MULTIPLE MARKER AND SPACER

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Fig. 2.



Inventors
Oliver J. Pectal
AND Elton J. Palmer
By Munn Fennick & Lawrence,
Attorneys

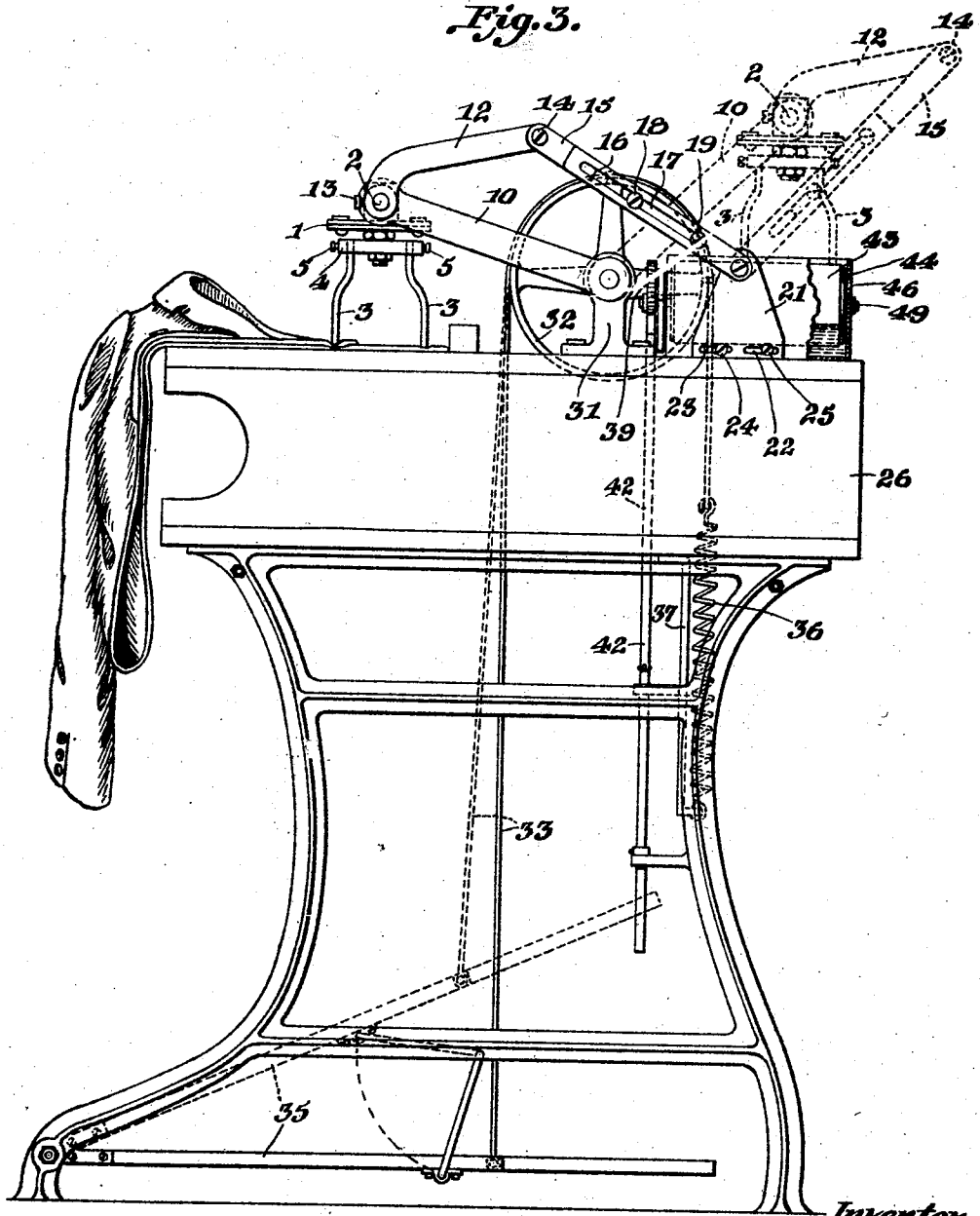
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O. J. PECTAL ET AL

MULTIPLE MARKER AND SPACER

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Fig. 3.



Inventor

By AND Oliver J. Pectal
Elton J. Palmer

Mason Fenwick & Lawrence.
Attorneys

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UNITED STATES PATENT OFFICE.

OLIVER J. PECTAL AND ELTON J. PALMER, OF PHILMONT, NEW YORK.

MULTIPLE MARKER AND SPACER.

Application filed November 13, 1925. Serial No. 68,840.

This invention relates to improvements in machines adapted for spacing and marking garments.

An object of this invention is to provide a machine or device adapted to equally space and mark the cloth in a garment for both buttons and button-holes at one operation, regardless of the length of the garment to be marked.

A further object of this invention, is to provide operative means for adjusting the spacing device and for operating the multiple marking means.

Another object is to provide a suitable ink feed or ink pad for the marker finger.

Further objects of this invention will appear from the following detailed description of the machine and as disclosed in three sheets of drawings which are herewith made a part of this application.

In the drawings,

Fig. 1 represents a side elevational view of a multiple marker in assembled form showing a portion cut away in order to properly disclose the ink feed receptacle.

Fig. 2, illustrates a plan view of the multiple marker as disclosed in Fig. 1.

Fig. 3, represents an end elevational view of the marker as disclosed in Fig. 1, with a section broken away, thereby disclosing clearly the ink well feed and pad.

Numeral 1 designates the space adjusting bracket adapted to be slidably carried by a guide shaft 2, the marking pins 3 being connected to the marking pin carrier 4, by means of set screws 5, the marking pin carrier 4 being in turn attached to a sliding block pin carrier guide 6, the carrier guide 6 merely passes through the central connecting hinge joint 7 of the space adjusting bracket 1. It is clear that this arrangement provides a means for keeping the marking pins or points 3 in exact alignment thereby making it possible to use a double row of marking pins or points.

The space adjusting bracket shaft 2 is rotatably mounted at the ends thereof as at 8 and 9 in bracket shaft cranks 10 and 11.

An adjusting bracket shaft rocker arm 12 is keyed at one end of the shaft 2 by means of a set screw 13 or otherwise. To the rocker arm 12 is loosely mounted as at 14 by means of a machine screw or otherwise a connecting strap, preferably of metal comprising link portions 15 and 16, the link portions being adapted for adjustability by means of a longitudinal slot 17, preferably located in the link section 16 and arranged in sliding relationship with guide screws 18 and 19, one end of the link portion 16 is rotatably mounted as at 20 to the connecting strap block 21, which is adjustably arranged by means of slots 22 and 23 and screws 24 and 25 in sliding relationship with the stand top 26.

One end of each of the bracket shaft cranks 10 and 11 is mounted on the crank shaft 27 by means of set screws 28 and 29, the shaft 27 being in turn suitably mounted on the top stand portion 26 by means of journal bracket 30 and 31. At one end of the crank shaft 27 is keyed a crank shaft rocker pulley 32 which is adapted to carry a treadle connecting strap 33, which is suitably connected at one end as at 34 to a treadle portion 35, the other end of the connecting treadle strap 33 is adapted to be connected with a rocker pulley return spring 36, the spring member 36 being connected in a suitable manner by means of brackets 37 or otherwise to the stand 26.

Located on a suitable portion of the stand 26, is an ink receptacle 46, adapted to hold a proper amount of liquid marking fluid as at 47, mounted within the receptacle 46; upon spindles 48 and 49 are rollers 44 and 45, upon which an ink pad 43 is adapted to revolve, one portion of the pad 43 will be ordinarily in contact with or submerged in the fluid 47, while another portion preferably the upper section, will be clear of the fluid, prepared to contact with the marker pin 3 tips. On one of the roller spindles 48 is keyed an ink receptacle feed ratchet, comprising members 38 and 39, which are caused to function by means of a lever arm 40, keyed to spindle 48 adjacent the gear member 39, which is adapted to mesh with the ratchet member 38 pivoted to the lever 40, whenever the lever arm moves a connecting rod 42 is loosely mounted at one end of the lever 40 as at 41, the rod extending a suitable distance to contact with a cam portion 49, attached to the treadle 35 extensions 50. A tension spring 51 may be located in such a manner that on the pressing of the treadle 35 by the foot or otherwise, the lower end of the rod 42 will be released and the lever arm 40 will be drawn downward by means of the spring 51. It is to be understood that the means for rotating the pad 43 through the inking

fluid 47 herein described is only one of several methods, and that this invention is in no manner limited to any one specific inking device.

In operation this invention provides a machine capable of equally spacing and marking for both button and button-holes at the same time, regardless of the length of the garment on the machine table; this is accomplished by simply laying the garment or other material on the machine table as illustrated in Fig. 2, adjusting the slide bracket to any length desired, press on the tread member thereby rocking the bracket downward and marking the garment, by merely relieving the pressure on the tread the bracket returns to the ink pad or belt. Obviously, this invention provides a great saving of labor.

It is apparent that the marking pins or points 3 in this invention are connected to a marking pin carrier 4 by means of set screws 5. The carrier 4 is attached to the sliding block pin carrier 6 which passes loosely through the space adjusting bracket 1, the elements 6 being slidably mounted on the adjusting guide bracket shaft 2, therefore, providing a device which will maintain at all times the pins or marking points in exact alignment one with the other, allowing the use of multiple rows of marking pins. This is a marked improvement over other machines, wherein the marking pins are usually placed directly on the spacing arrangement.

In order to space longitudinally it is merely necessary to slide the elements 6 the desired distance along shaft 2, and lock with a set screw or otherwise, obviously the transverse spacing for reasons above set forth will not be disturbed thereby.

What we claim is:

1. A device comprising a multiple marker, a collapsible bracket supported on a suitable portion of the device, marking finger holders connected to the bracket and marking fingers in the holders, the collapsible bracket being adapted for adjusting the distance between the finger holders and maintaining them in adjusted position, means for inking the marking fingers consisting of an ink receptacle, a revolvable ink pad in the receptacle, and means for revolving said ink pad and for bringing the marking fingers in contact with the ink pad and for returning the fingers to the position for marking.

2. A device comprising a multiple marker, a collapsible bracket supported on a suitable portion of the device, marking finger holders connected to the bracket, marking fingers supported in said holders the collapsible bracket being adapted for adjusting the distance between the finger holders and maintaining them in adjusted position, means for inking the marking fingers consisting of an ink receptacle, a revolvable ink pad in the receptacle, and means for revolving said ink pad and for bringing the marking fingers in contact with the ink pad and for returning the fingers to the position for marking.

In testimony whereof we affix our signatures.

OLIVER J. PECTAL.
ELTON J. PALMER.