D. GOODALE.

SKIRT MARKER.

APPLICATION FILED MAY 20, 1908. RENEWED APR. 2, 1909.

923,166. Patented June 1, 1909.

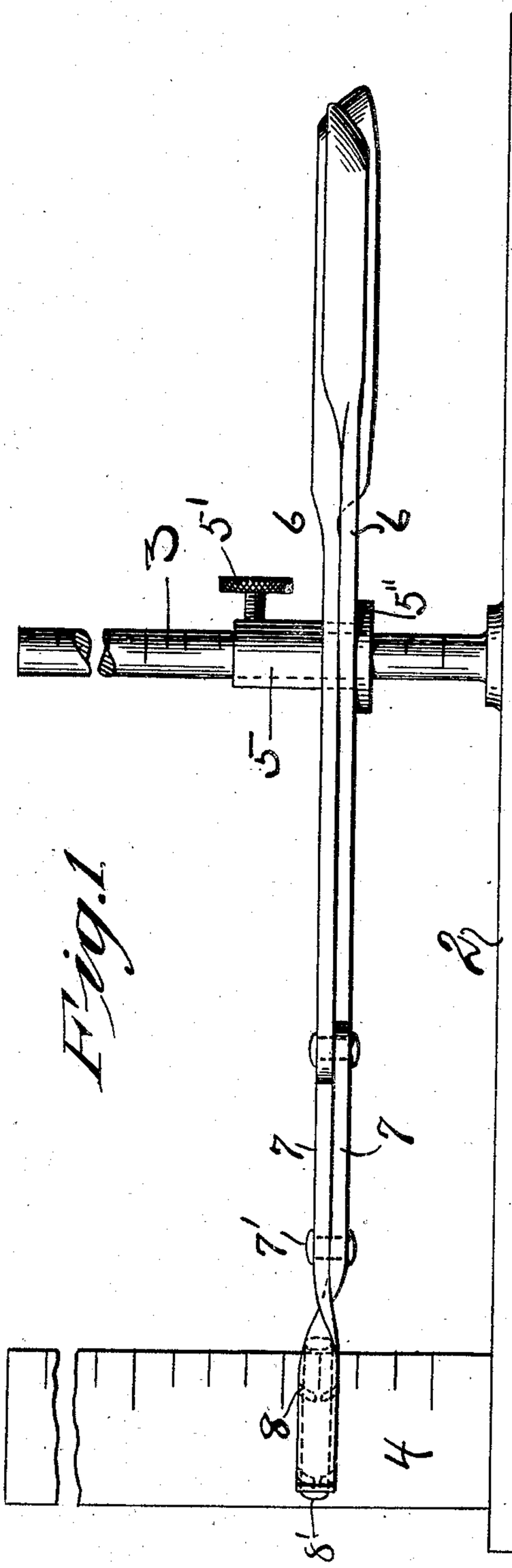

Fig. 1.

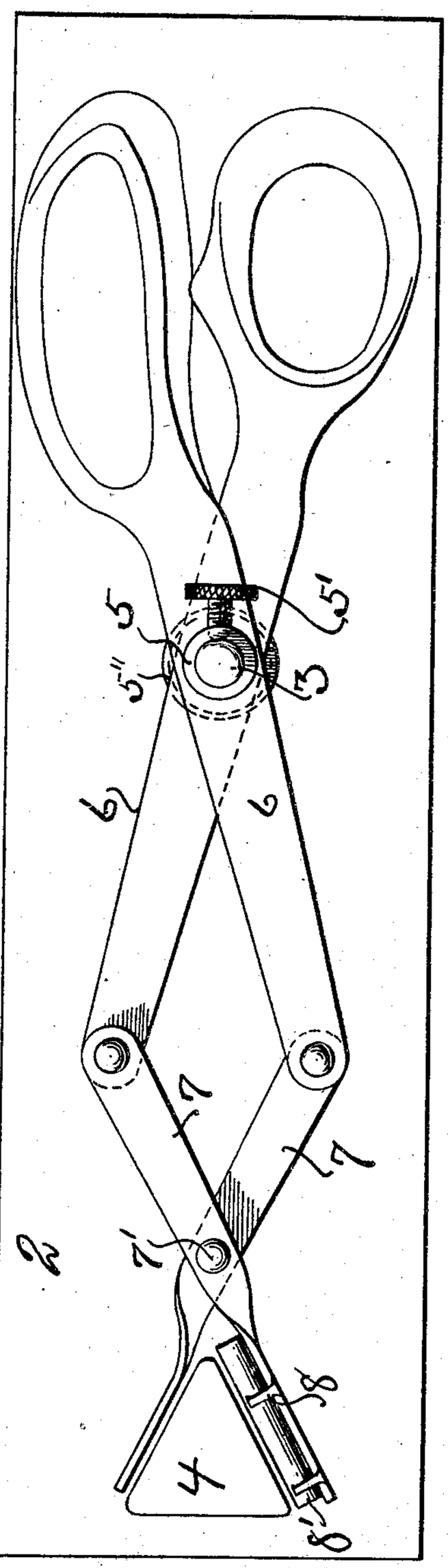

Fig. 2.

Attest,
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UNITED STATES PATENT OFFICE.

DELIA GOODALE, OF FORT COLLINS, COLORADO.

SKIRT-MARKER.

No. 923,166. Specification of Letters Patent. Patented June 1, 1909.

Application filed May 20, 1908, Serial No. 433,805. Renewed April 2, 1909. Serial No. 487,381.

To all whom it may concern:

Be it known that I, DELIA GOODALE, a citizen of the United States, residing at Fort Collins, in the county of Larimer and State of Colorado, have invented certain new and useful Improvements in Skirt-Markers, of which the following is a specification.

My invention relates to means for marking the lower edges of skirts, and particularly to a device wherein the marking pencil may be easily pressed against the goods or withdrawn therefrom or otherwise shifted to accommodate the various irregularities in thickness, and wherein the marking device may be quickly and easily adjusted vertically to scale.

The invention consists in the arrangement of parts and details of construction more particularly set forth in the claims.

I have illustrated an embodiment of my invention in the accompanying drawings, wherein—

Figure 1 is a side elevation of the skirt marker, and Fig. 2 a plan view thereof.

Like reference characters designate like parts.

2 designates a base plate of any suitable length and of any width or contour which will give a firm foundation for the shaft 3 and the gage post 4.

At one end of the base is the vertical gage post 4 preferably triangular in section, the apex of the triangle being directed toward the shaft 3, said post being marked with any suitable division points, as for instance, marked in inches and fractions thereof. At the opposite end of the base 2 I provide the vertical shaft 3, round in section and marked with divisions to correspond with the divisions of the gage post 4. Shiftable up and down upon the shaft is a sleeve 5 provided with a set screw 5′ whereby the sleeve may be locked at any desired elevation on the shaft. The lower portion of the sleeve is flanged at 5″ to form a bearing for the blades of the marker.

In skirt markers the marking pencil should have means whereby it can be easily withdrawn from the skirt or pressed with force against the skirt, and inasmuch as there are various folds and inequalities of the cloth to be allowed for it is necessary that the marker should be very readily movable and should have at the same time a fairly wide range of movement. It is also necessary that there should be inside the skirt a fixed backing piece against which the skirt may be forced by the marking pencil so that the mark may be decided and definite and that the cloth should be held while the marker is in contact with it and immediately released when the marker is raised so that the skirt may be shifted. I accomplish these objects first by supporting the marker upon mutually pivoted blades whose ends are brought against opposite sides of the post 4. In the best embodiment of my invention these blades take the form of the blades of a lazy tongs,—a lazy tongs being used instead of one pair only of mutually pivoted blades in order that the angle between the two end blades may be greater than would be the case were only one pair of blades used.

The preferable construction is as follows: Pivoted upon the sleeve 5 for motion in a horizontal plane are the rearmost blades 6, 6 of a lazy tongs,—the rear ends of these blades being formed like the rear ends of a pair of scissors so as to be readily engageable by the fingers. While the forward end of one of the blades 6 might carry upon it a pencil holder, I prefer for the reasons above stated to pivot the forward ends of the blades 6 to a second set of crossed blades 7, 7, thus forming a lazy tongs. The rearmost blades 6 have a mutual pivot, of course, on the shaft 3, while the forward blades 7 cross each other and are pivoted together at their juncture as at 7′. One of the blades 7 at its extremity carries holding fingers 8 adapted to hold a pencil 8′ of chalk, charcoal or other material suitable for marking fabric. I have shown the fingers 8 as composed of circularly bent strips adapted to clasp the marking chalk or pencil 8′. The strips are resilient so that they will in closing grip the pencil, but it is to be understood that I do not wish to limit myself to this construction as there are a large number of other pencil-holding devices which I could use.

In operation the marker-carrying blades are set vertically to any desired height upon the shaft 3. The marker will then be set to a corresponding height upon the post 4. If, however, there is any tendency to sag in the blades this sagging can be corrected by adjusting the marker according to the divisions on the post 4. The skirt is then placed over the post 4 and the rear ends of

the blades 6 6 are moved toward each other, thus tending to bring all the blades of the lazy tongs into parallelism and thus extending the lazy tongs and forcing the marker against the skirt. It will be seen that the two blades 7 7 act to force the skirt on both sides evenly and positively against the post 4 so that the marking pencil gets a good bearing upon the skirt and the skirt is held while being marked. The blades are then opened and the skirt moved forward when the blades are again closed and the skirt marked. This is continued until the circumference of the skirt has been entirely lined. It will be readily seen that the reciprocating motion of the blades will move the marking chalk against the skirt thus leaving a clear and determinate line.

The scissors-like handle enables the marker to be worked with one hand so that the other hand of the operator is left free to arrange the skirt. The lazy tongs enables a strong pressure to be brought against the triangular post 4, thus pinching both sides of the skirt against the post and holding it firm without danger of slipping. The scissor blade handle and lazy tongs enable the marker to be moved along around the skirt with ease, while at the same time quickly and easily mark by closing and opening the fingers.

Having described my invention what I claim is:

1. In a skirt marker, a base; a vertical post at one end against which the skirt is to be placed; a vertical shaft opposed thereto; blades crossing each other and mutually pivoted upon a sleeve located on said shaft and adjustable vertically thereon; and means connected to the said blades for carrying a marking pencil.

2. In a skirt marker, a base; a vertical post at one end against which the skirt is to be placed; a vertical shaft opposed thereto; a lazy tongs adjustable vertically upon the said shaft, two blades of which cross each other and are mutually pivoted to a sleeve located on said shaft, one of the forward blades of the lazy tongs being provided with means for holding the marking pencil.

3. In a skirt marker, a base; a vertical post at one end against which the skirt is to be placed; a vertical shaft opposed thereto; a lazy tongs adjustable vertically upon said shaft, the rearmost blades of the said lazy tongs crossing each other and being mutually pivoted upon a sleeve located and adjustable vertically upon said shaft, the rear ends of the said rear blades being provided with handles; a pair of forward blades crossing each other and mutually pivoted, the rear ends of the said forward blades being pivoted to the forward ends of the rear blades, the free end of one of the said forward blades being provided with a marking pencil.

4. In a skirt marker, a base; a vertical post triangular in cross section against which the skirt is placed; a vertical shaft opposed thereto; a lazy tongs adjustable vertically upon said shaft, the rearmost blades of the lazy tongs crossing each other and being mutually pivoted upon a sleeve located and adjustable vertically upon said shaft, the rear ends of the said rear blades being provided with handles; a pair of forward blades crossing each other and mutually pivoted, the rear ends of the said forward blades being pivoted to the forward ends of the rear blades, the free end of one of the said forward blades being provided with a marking pencil.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses, this seventh day of April 1908.

DELIA GOODALE.

Witnesses:

WILLIAM LINDENMEIER,

SABIE PERRY.