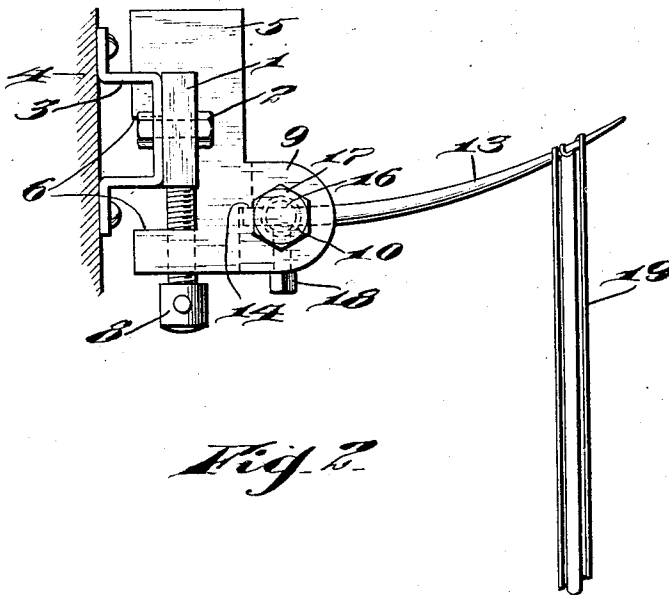
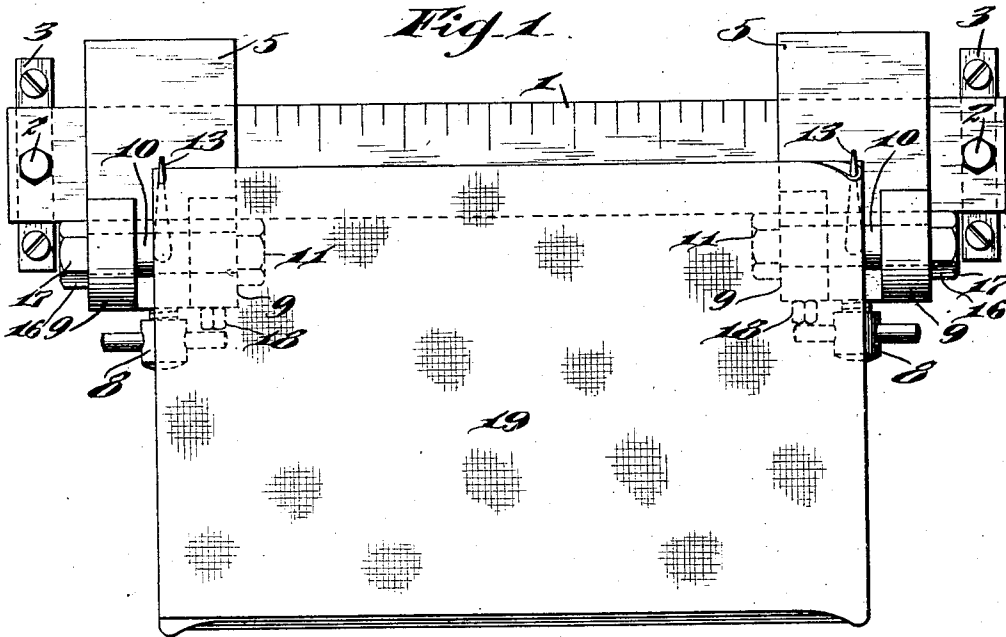


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2 SHEETS—SHEET 1.



Inventor

Witnesses

Thos. Freeman
R. A. Trenkel

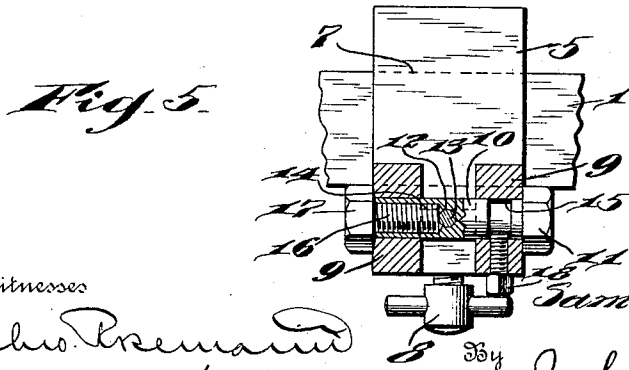
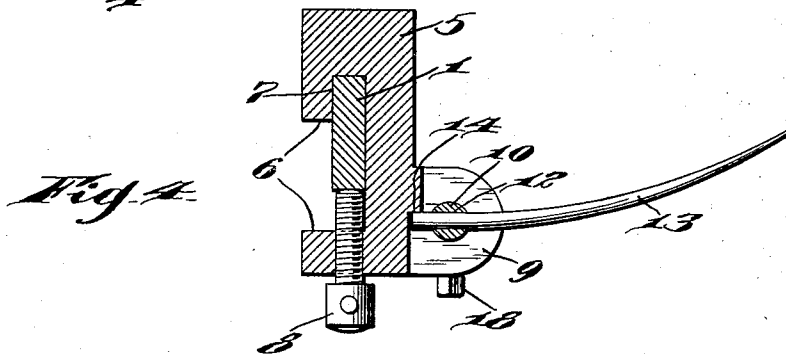
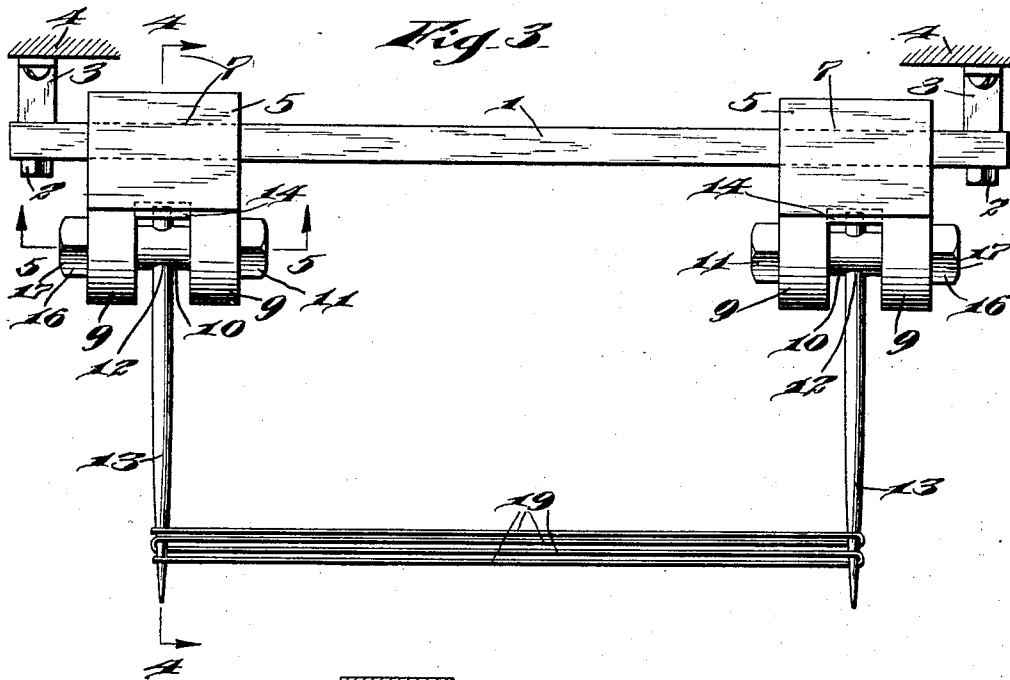
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

SAMUEL SAMPSON, OF PHILADELPHIA, PENNSYLVANIA.

CLOTH-PILING APPARATUS.

968,808.

Specification of Letters Patent.

Patented Aug. 30, 1910.

Application filed March 18, 1910. Serial No. 550,164.

To all whom it may concern:

Be it known that I, SAMUEL SAMPSON, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Cloth-Piling Apparatus, of which the following is a specification.

My invention relates to improvements in measuring and holding apparatus, and more particularly to an improved apparatus designed as a labor saving device, which is utilized to receive and support material folded in uniform lengths and particularly adapted for use by tailors who make clothes in large quantities, using the same pattern for a large quantity of garments.

Heretofore in the manufacture of garments in large quantities, it has been customary to mark on the material at one end, a pattern, and then cut the material in lengths in accordance with the pattern, piling the pieces upon each other as they are cut. The pile is then clamped together and all are cut on the lines of the marked piece on top. In following out this practice, not only does it consume a great deal of time and labor, but it is practically impossible to accurately cut the material in proper lengths or keep the edges perfectly even in piling, and there is considerable waste which is quite an item in expensive materials. My invention is designed to overcome these defects, to accurately and quickly permit the material to be folded and this is especially valuable in cutting lining in which satin surfaces must be together, and in the old way requiring every alternate sheet to be reversed.

With these and other objects in view, the invention consists in certain novel features of construction, and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings: Figure 1, is a view in front elevation, illustrating my improvements. Fig. 2, is an end view. Fig. 3, is a top plan view. Fig. 4, is a view in section on the line 4, 4, of Fig. 3, and Fig. 5, is a view in section on the line 5, 5, of Fig. 3.

1, represents a horizontally disposed metal bar, secured by screws or bolts 2, to brackets 3, the latter secured to the wall 4, and spacing bar 1 therefrom. Bar 1, is provided with a scale in inches and fractions thereof,

so that my improved sliding brackets 5 may be accurately positioned apart in accordance with the length of folds desired. Both brackets 5, are precisely alike and the description of one below, will apply alike to both. Each bracket 5, is provided at its rear with an opening 6, forming an entrance to enable it to be placed on bar 1, and position the bar 1 in a longitudinal groove 7, and a set screw 8 is provided, projecting up through a threaded opening in the bottom of the bracket and bearing against bar 1, to secure the bracket at the desired adjustment. Each bracket is provided with forwardly projecting perforated ears 9, in which a journal bolt 10 is mounted. This journal bolt 10 has an angular head 11 at one end, a screw threaded socket in its other end, extending inward and registering with a transverse opening 12. This opening 12, receives my improved sharp pin 13, preferably of the shape shown, and adapted when in operative position to have its inner end in engagement with a shoulder 14 on the bracket, to limit downward pivotal movement of the pin.

A set screw 16 is screwed into the socket in the end of journal bolt 10, and bears against pin 13, to securely clamp it in the opening 12, and the outer end of this set screw 16, is provided with an angular head 17, conforming to the shape of head 11.

Journal bolt 10 is provided with an annular groove 15 in one of the ears 9, and a small set screw 18, is located in a threaded opening in the ear and projects into the groove 15, exerting sufficient frictional engagement to hold it against accidental movement and hold it when folded up and out of the way, journal bolt 10 permitting this folding movement.

The operation is as follows: In carrying out my method with my improved apparatus above set forth, the pattern is marked or outlined on the material at one end, and the brackets 5, spaced apart so as to position the pins 13 a distance apart, substantially equal to the shortest possible length of material from which the pattern may be cut. The operator then places the material so that it may be pushed onto the pins 13, as shown in Fig. 3, and the material illustrated at 19 is folded back and forth, each fold being caught over the end of the pin, and any desired length of material may be thus accurately folded and held so that it

may be clamped and placed upon the table for cutting. There will be no loss of material, as each fold will be precisely like the others, and the sheets may thus be piled
5 quickly and accurately, resulting in saving time and labor, and preventing waste of material.

Various slight changes might be made in the general form and arrangement of parts
10 described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit
15 and scope of the appended claims.

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

1. In a cloth piling apparatus, the combination with a bar, brackets mounted to slide
20 on the bar, and devices on the brackets for securing them against movement on the bar, of pins projecting outwardly from said brackets and pivotally secured to the brackets
25 whereby said pins may be swung upward out of the way, substantially as described.

2. In a cloth piling apparatus, the combination with a bar, of brackets mounted to slide on the bar, set screws in the brackets
30 constructed to secure them at any adjustment on the bar, perforated ears on the brackets, a journal bolt having rotary mounting in said ears having a transverse opening, and pins secured in said transverse
35 opening and adapted to be swung outwardly and upwardly, substantially as described.

3. In a cloth piling apparatus, the combination with brackets adapted to be secured to a wall, of a horizontal scale bar secured
40 to said brackets, and spaced from the wall, slide brackets mounted to slide on the bar, set screws securing said brackets on the bar, perforated ears on said slide brackets, a journal bolt in said perforated ears, having
45 a head at one end, a screw threaded socket at its other end, and a transverse opening between its ends communicating with the socket, of a pin projecting through the

transverse opening, a set screw in the socket engaging the pin, and said set screw and
50 journal bolt having heads at their ends, substantially as described.

4. In a cloth piling apparatus, the combination with brackets adapted to be secured to a wall, of a horizontal scale bar secured
55 to said brackets, and spaced from the wall, slide brackets mounted to slide on the bar, set screws securing said brackets on the bar, perforated ears on said slide brackets, a journal bolt in said perforated ears, having
60 a head at one end, a screw threaded socket at its other end, and a transverse opening between its ends communicating with the socket, of a pin projecting through the transverse opening, a set screw in the socket en-
65 gaging the pin, said set screw and journal bolt having heads at their ends, and a shoulder on the bracket adapted to be engaged by the pin to limit the downward movement of the pin, substantially as described. 70

5. In a cloth piling apparatus, the combination with brackets adapted to be secured to a wall, of a horizontal scale bar secured to said brackets, and spaced from the wall,
75 slide brackets mounted to slide on the bar, set screws securing said brackets on the bar, perforated ears on said slide brackets, a journal bolt in said perforated ears, having a head at one end, a screw threaded socket at its other end, and a transverse opening
80 between its ends communicating with the socket, of a pin projecting through the transverse opening, a set screw in the socket, engaging the pin, said set screw and journal bolt having heads at their ends, said journal bolt having a groove therein, and a set
85 screw in one of said ears projecting into said groove, substantially as described.

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

SAMUEL SAMPSON.

Witnesses:

R. H. KRENKEL,
C. E. POTTS.