S. SAMPSON.

DEVICE FOR PILING CLOTH IN THE DESIRED LENGTHS.

APPLICATION FILED JUNE 8, 1910.

976,604.

Patented Nov. 22, 1910.

2 SHEETS—SHEET 1.

Fig. 1.

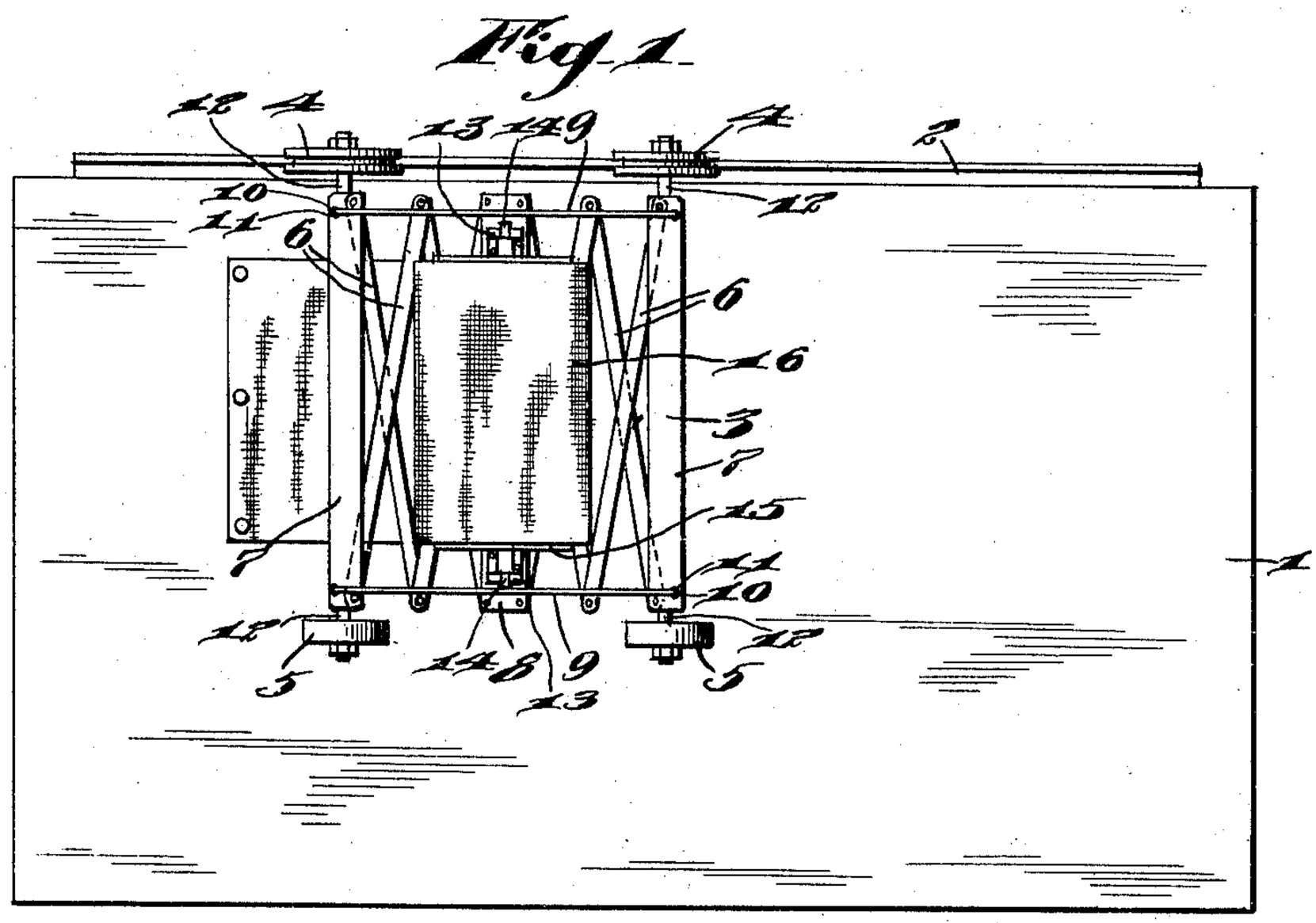
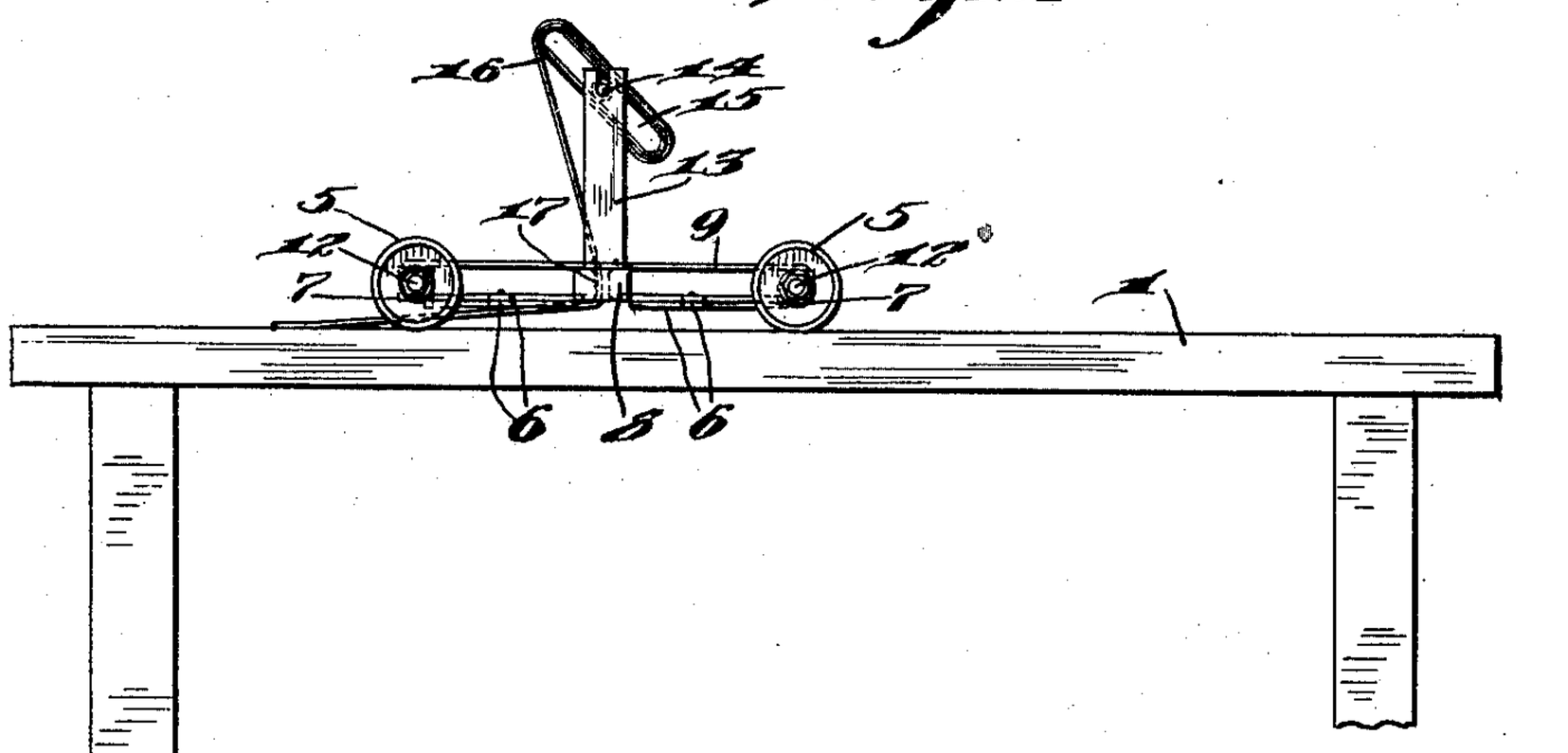


Fig. 2.



Witnesses

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Fig. 3.

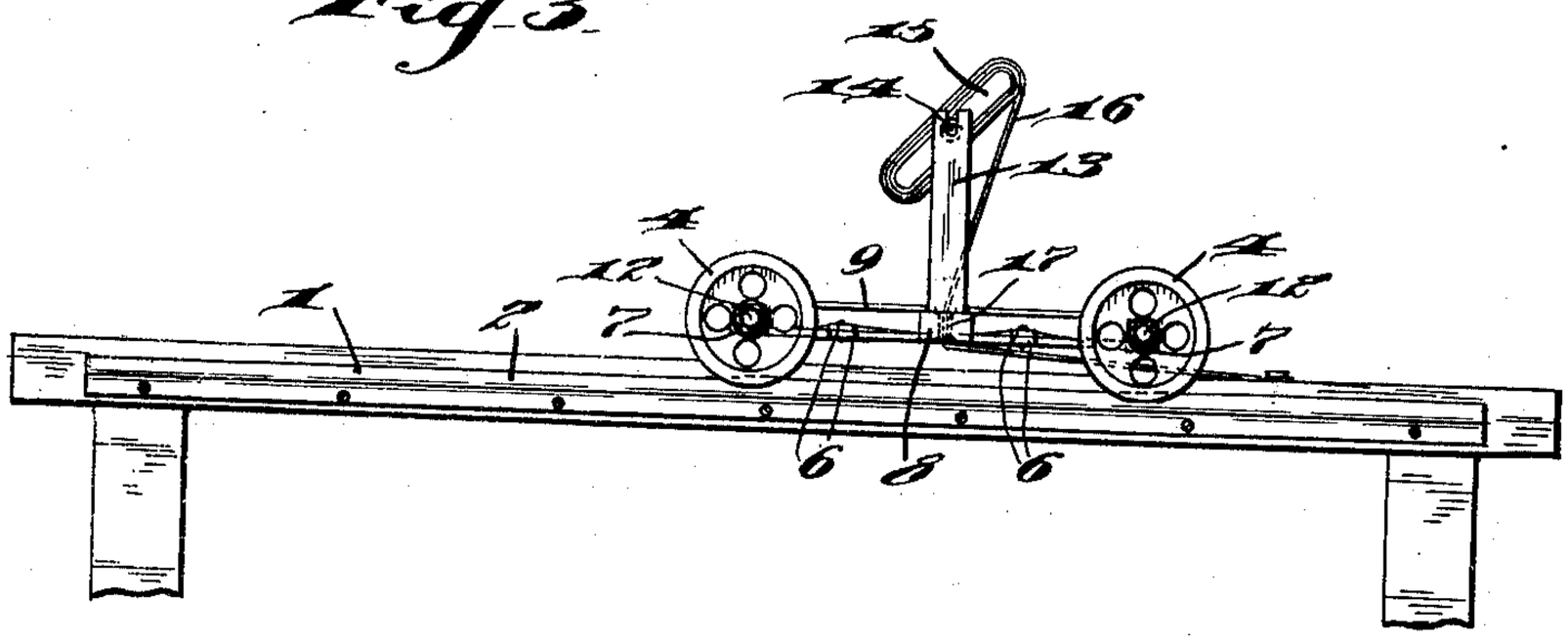


Fig. 4.

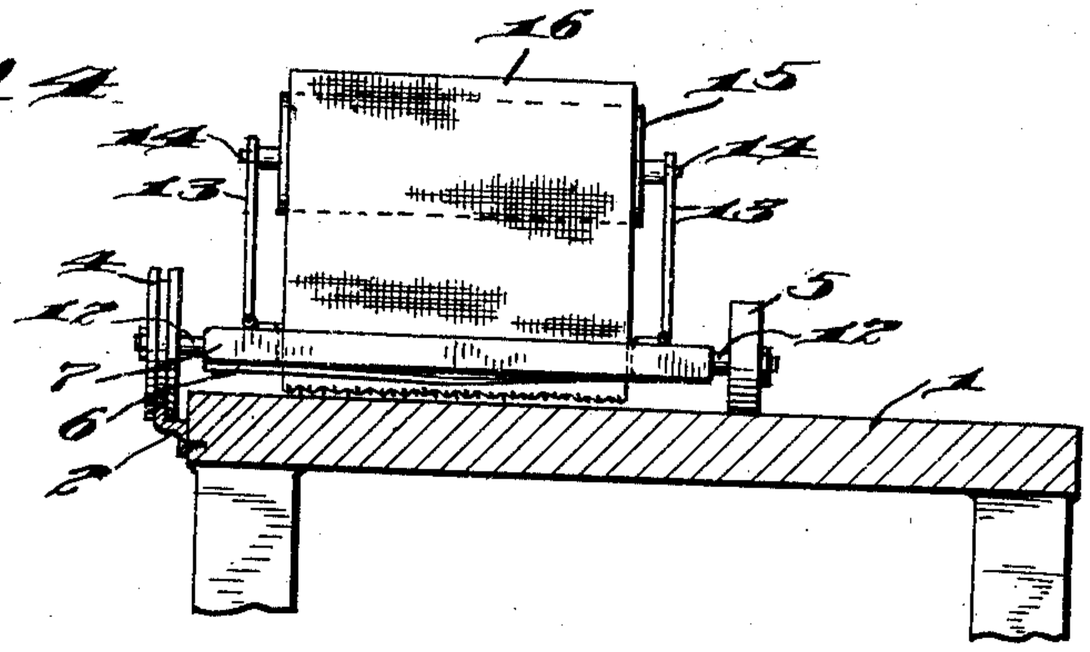
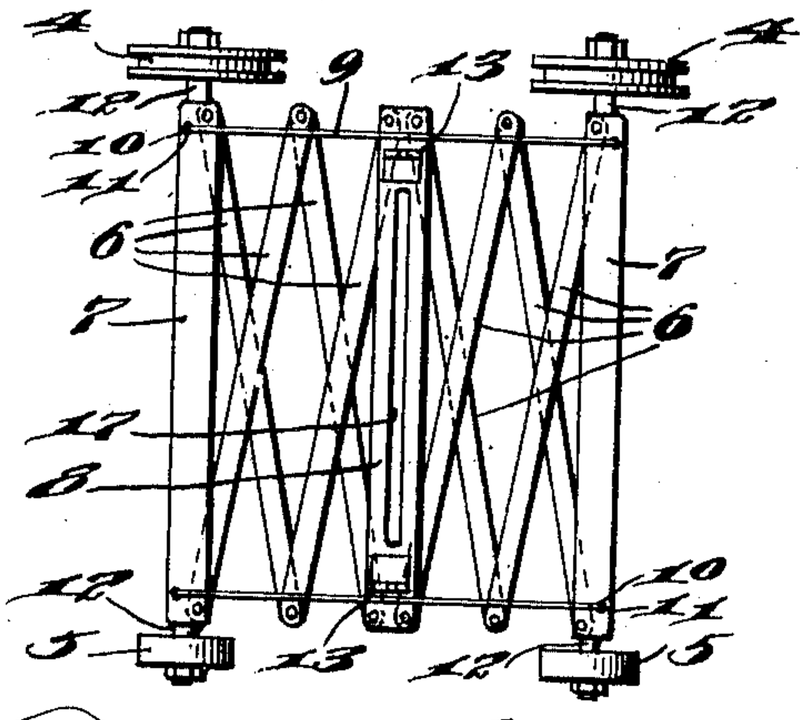


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL SAMPSON, OF PHILADELPHIA, PENNSYLVANIA.

DEVICE FOR PILING CLOTH IN THE DESIRED LENGTHS.

976,604. Specification of Letters Patent. **Patented Nov. 22, 1910.**

Application filed June 8, 1910. Serial No. 565,798.

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 Devices for Piling Cloth in the Desired Lengths, of which the following is a specification.

My invention relates to improvements in devices for piling cloth in the desired lengths, the object of the invention being to provide a wheeled device which may be used on an ordinary table, and which will support a bolt of goods and feed the material from the bolt as the device is moved backward and forward over the table to lay out the goods and pile it in thicknesses or layers of the same length, with the edges in register, so that there will be a minimum of waste of material when the pile is cut.

This device is primarily for use in the manufacture of wearing apparel, in which a large amount of goods is simultaneously cut to permit the manufacture of a large number of garments of the same size, and its purpose is to economize in time in laying out the goods, economize in labor, and economize in material as it is designed to accurately lay out the goods so that there will be a minimum of loss in cutting.

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 plan view illustrating my improvements in position on an ordinary table. Figs. 2, and 3, are views in elevation taken from opposite sides of Fig. 1. Fig. 4, is a view in end elevation of the device, showing the table in cross section, and Fig. 5, is a plan view of the device.

1, represents a table such as ordinarily used by tailors, and to one long edge of the table an angle iron 2 is secured forming a rail which is preferably below the upper surface of the table, and does not interfere with the ordinary use of the table.

My improved device comprises a car having a frame 3 supported at one end on two grooved wheels 4, mounted to run on the rail 2, and at its other end on two flat wheels 5, mounted to run on the upper face of the table 1. The frame 3 is preferably of the collapsible form illustrated, in which a series of diagonal bars 6 pivotally connect parallel bars 7 at the sides or ends, with a bar 8 located at the center of the frame and parallel with the bars 7. The frame is held in its extended position by means of two rods 9, said rods being pivotally connected at one end to one of said bars 7, and at their outer ends bent forming hooks or pins 10, positioned in openings 11 in the other bar 7, and when it is desired to collapse the frame, these rods 9 are moved into alinement with their bars 7, when the frame can be made compact for storing, so as to occupy but little room.

The wheels 4, and 5, above referred to, are preferably mounted on short axle stubs 12, fixed to the ends of bars 7, and on the center bar 8, adjacent its ends, hinged brackets 13 are provided, said brackets adapted to be swung down onto the bar when not in use, and occupy but very small space. These brackets 13 are bifurcated at their free ends to receive the trunnions 14 of a board 15, adapted to support a bolt of material 16, said material being passed downward through a slot 17 in the bar 8.

In operation, after the material passes downward through the slot 17, one end is held on the table in any suitable manner, and the car moved along the table until the desired length of material is spread thereon. A rod or bar (not shown) may then be placed upon the material and hold it while the car is run back beyond the starting point. This rod or bar is then removed and placed on the material over the end thereof when the car is run back, and by this means the material may be accurately measured and piled in lengths uniformly, the edges of the material registering, and the entire bolt of material fed from the car. The pile of material is then clamped and is ready for the cutter. This method of laying out the material may, of course, be varied to suit conditions, and each length of material may be cut as desired. When the operation of laying out material is completed, the car may be collapsed and placed out of the way, so that the table may be used for ordinary purposes.

Various slight changes might be made in the general form and arrangement of parts 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 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 device of the character described, the combination with a collapsible car and rods on one end of the car having hooked free ends to engage the opposite end of the car and hold the same extended, of means on said car for supporting material, and means for guiding material from said car, when the latter is moved in either of its normal directions, substantially as described.

2. In a device of the character described, the combination with a collapsible car and rods on one end of the car having hooked free ends to engage the opposite end of the car and hold the same extended, wheels supporting the car, brackets on the car, means on said brackets supporting a bolt of material, and said car having a slotted guide at its lower central portion through which the material from said bolt is passed, substantially as described.

3. In a device of the character described, the combination with a support, of a wheeled collapsible car and rods on one end of the car having hooked free ends to engage the opposite end of the car and hold the same extended on said support, means on said car affording rotary mounting for a bolt of material, and a slotted guide located centrally of the car through which the material from said bolt is passed, substantially as described.

4. In a device of the character described, the combination with a table, and a rail secured on one edge of the table, of a collapsible car comprising a frame, rods pivotally connected at one end to one end of the frame and having hooked free ends adapted to engage the opposite end of the frame and hold the frame extended, two grooved wheels supporting one end of said frame and mounted on said rail, two flat wheels supporting the other end of said frame and mounted on the table, brackets on the frame, and means affording rotary mounting for a bolt of material at the upper ends of said brackets, and a slotted bar at the center of said frame through which the material is fed from the bolt, substantially as described.

5. In a device of the character described, the combination with a table, and a rail secured on one edge of the table, of a car comprising a frame, two grooved wheels supporting one end of said frame and mounted on said rail, two flat wheels supporting the other end of said frame and mounted on the table, brackets on the frame, and means affording rotary mounting for a bolt of material at the upper ends of said brackets, a slotted bar at the center of said frame through which the material is fed from the bolt, said frame comprising three parallel bars, pivoted bars connecting said parallel bars and permitting said bars to be moved together, rods pivoted to the outside bars, and means on the free ends of said rods for securing them to the opposite end bars, 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,

CHARLES E. POTTS.