E. CARDELL.

ADJUSTABLE MARKER.

APPLICATION FILED AUG. 19, 1913.

1,111,212.

Patented Sept. 22, 1914.

2 SHEETS—SHEET 1.

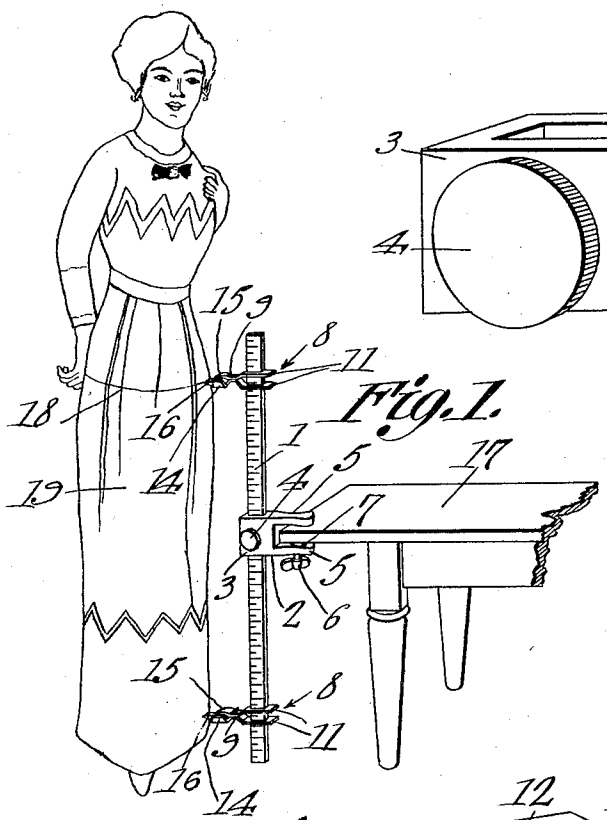


Fig. 1.

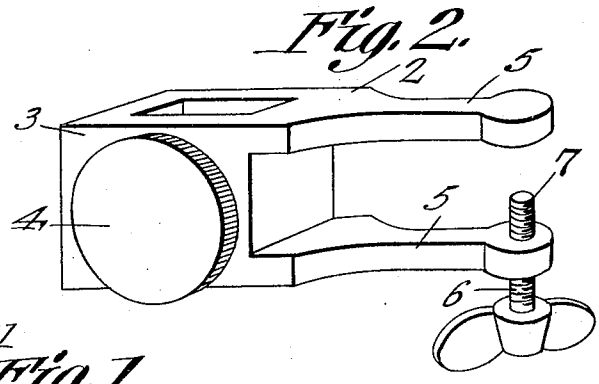


Fig. 2.

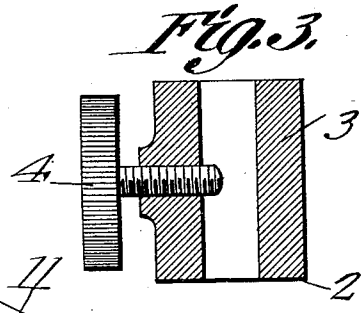


Fig. 3.

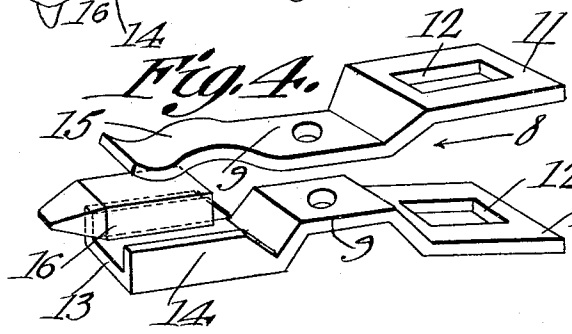


Fig. 4.

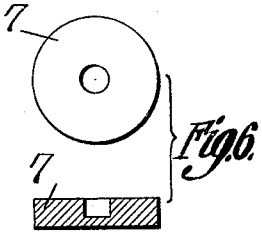


Fig. 6.

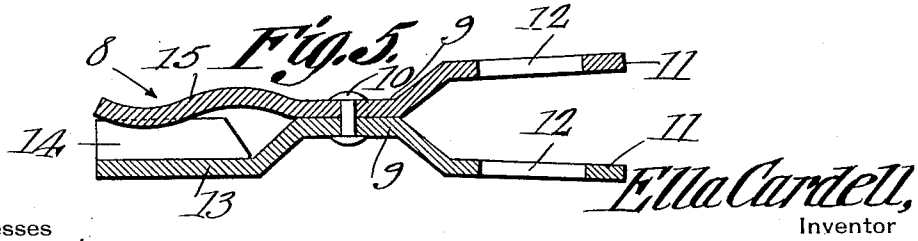


Fig. 5.

Witnesses

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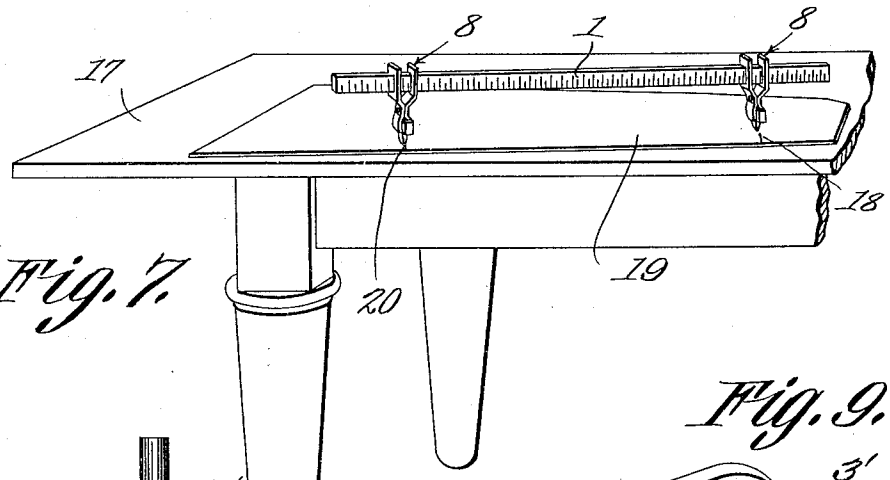


Fig. 7.

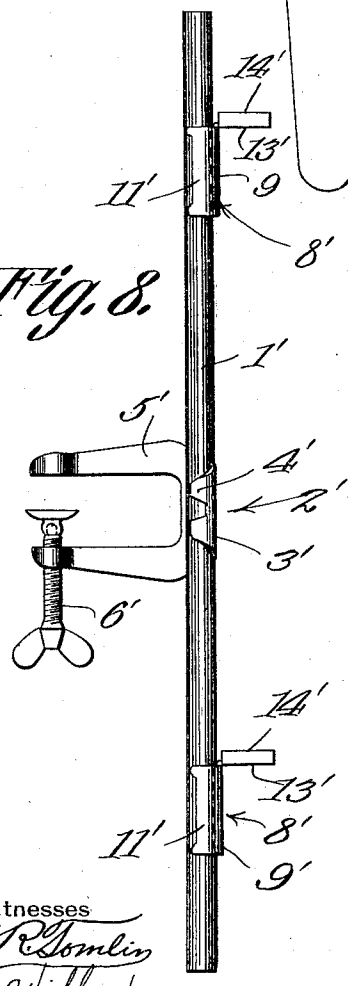


Fig. 8.

Fig. 9.

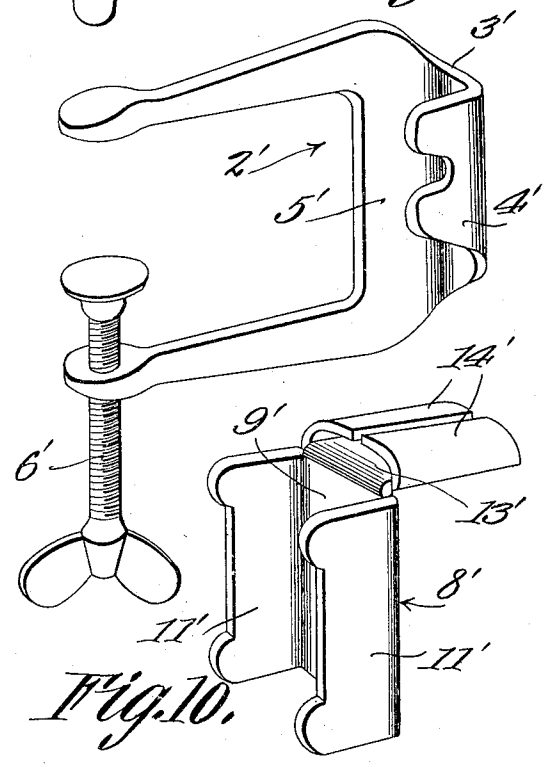


Fig. 10.

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE MARKER.

1,111,212. Specification of Letters Patent. Patented Sept. 22, 1914.

Application filed August 18, 1913. Serial No. 785,573.

To all whom it may concern:

Be it known that I, ELLA CARDELL, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Adjustable Marker, of which the following is a specification.

The present invention appertains to measuring and marking devices, and aims primarily to provide a novel marking and measuring appliance having divers capabilities.

It is the object of the present invention to provide a simple and inexpensive device of the nature indicated, which shall be adjustable in character, so as to be applicable to a table, bench, counter, chair or other article of furniture or object, and including adjustable markers, whereby the device may be employed by a seamstress for hanging her own garments.

With the foregoing and other objects in view, which will be apparent as the nature of the invention is better understood, the present invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention has been illustrated in its preferred embodiment in the accompanying drawing, wherein:—

Figure 1 is a perspective view of the improved device, as employed by a seamstress in hanging her own garment. Fig. 2 is an enlarged perspective of the clamp. Fig. 3 is a sectional detail of the clamp. Fig. 4 is a perspective view of one of the slides, the several parts thereof, being separated, and the riveted or securing member being removed. Fig. 5 is a longitudinal section of one of the slides. Fig. 6 illustrates the clamping plate of the clamp, a plan and sectional view thereof being shown. Fig. 7 is a perspective of the device as employed for laying out a garment. Fig. 8 is a side elevation of a modified form of the device. Fig. 9 is an enlarged perspective view of the clamp employed in the modification. Fig. 10 is a similar view of one of the slides employed in the modification.

In carrying out the present invention, reference being had in detail to the drawing, there is provided a measuring stick or bar 1, of any suitable proportions and provided with suitable graduations. The measuring stick or bar 1 may be supported in an upright or other position, by means of a clamp 2, this clamp embodying an apertured block or slide 3, which embraces the stick or bar. The block or slide 3 carries a set screw 4 for frictionally engaging the measuring stick to maintain it at any suitable adjustment, and the block 3 is also equipped with a pair of horizontally vertically spaced arms 5 projecting to one side. A jam or clamping screw 6 is threadedly carried by the extremity of the lower arm 5, and preferably carries a swiveled clamping plate or disk 7 at its tip.

A pair of slides 8 are employed in connection with the measuring stick, it being necessary to describe only one of these elements in detail. Each of the slides embodies a pair of bars or strips 9 of sheet metal or other resilient stock, which are secured together at their intermediate portions by means of a rivet or other securing member 10. The bars 9 are off set away from each other at one end, as at 11, and the off set end portions 11 are provided with the openings 12 and embrace the measuring stick. The end portions 11 preferably, although not necessarily, diverge slightly away from each other, in order that they may bind upon or frictionally engage the measuring stick, to normally lock the slide in position. By pressing the end portions 11 together slightly, the slide may be readily slid along the measuring stick, although if the end portions 11 are parallel, the slide may be slid against its friction only. The bars 9 are superposed, and the other end of the lower bar is off set downwardly, as at 13, and is provided at its side edges with the upstanding flanges or wings 14, while the other end portion of the upper bar is bent into a compound curve so as to provide a yieldably tongue 15, the free end of which stands between the outer ends of the flanges 14. A suitable stick or piece of chalk 16 is adapted to be inserted into the chalk holder embodying the off set end portions 13, and its flanges 14, and when inserted, is held in position by means of the yielding tongue 15 which bears against the chalk. The chalk or

marking element holders of the slides project in a direction opposite the direction in which the arms 5 of the clamp project.

In using the device for hanging garments, the slides 8 are disposed on the end portions of the measuring stick 1, while the clamp 2 is disposed on the central portion of the measuring stick, between the two slides. In hanging a dress or other wrap, the clamp 2 is conveniently attached to a table, bench, counter, chair or other article of furniture or object, so as to hold the measuring stick 1 in an upright position, the arms 5 being engaged over the edge of the object, and the jam screw 6 being tightened to maintain the clamp in position. The measuring stick 1 rests on the floor or surface, and is held in position by tightening the clamp 2. The upper slide 8 is then adjusted to the hip line of the person who is hanging her garment, while the lower slide 8 is adjusted to indicate the distance of the lower edge or hem of the skirt from the floor. The operator stands adjoining the measuring stick 1, with her hip bearing lightly against the upper piece of chalk 16 or marking element, and by turning slowly and carefully, a line 18 extending around the hip will be marked on the skirt or other garment 19. Then, by removing the device from the table or other object 17, this being accomplished by detaching the clamp 2 therefrom, the device may be employed for finally laying out the skirt or other garment. To accomplish this, the skirt is laid out upon a table or other surface, as seen in Fig. 7, and one marking element is made to follow the line 18, while the other marking element marks the line 20 along the lower edge of the skirt, to indicate the length of the skirt. After the line 20 has been applied, the skirt may be conveniently finished without encountering any difficulties.

Although the device is especially adapted to assist a seamstress in laying out and hanging her own garments it may be employed for divers other purposes. As an adjustable marker, the present device will be found useful for decorators in measuring and marking borders, wall paper, and the like. The device may also be employed for stenciling, and in stores will be found convenient for measuring and marking carpets, mattings, et cetera. In fact, the device may be employed in various capacities for measuring and marking linear distances. In use, the measuring stick is preferably slightly over a yard in length, to permit of the adjustment of the marking members to or beyond a yard apart.

In Fig. 8 a modified form of the device is illustrated. This modified form includes the measuring stick 1′, the clamp 2′ and the marking element 8′. The clamp 2′ may be stamped from sheet metal, or may be otherwise formed, and embodies a C-shaped member 5′ having the flange 3′ at its intermediate portion, the free edge of the flange 3′ being bent angularly into a lip 4′ parallel with the member 5′. The lower arm, or one arm, of the member 5′ carries the jam screw 6′ for engaging the object to which the clamp is to be applied. The lip 4′ is flexible or resilient, in order that the measuring stick 1′ may be tightly received between the member 5′ and the lip 4′. Each of the slides 8′ embodies a sheet metal member 9′ having the resilient flanges 11′ at its side edges, and having one bent angularly as at 13′, the side edges of the angular end 13′ having the lips 14′ bent back upwardly to provide a chalk receptacle. It is evident that the stick 1′ may be tightly or snugly received between the yieldable flanges 11′.

From the foregoing, taken in connection with the drawing, it will be seen that the modified form may be employed in the same manner as the preferred form, so that the uses of the modified form need not be described at length, or the advantages thereof reiterated.

What is claimed is:—

A marking device including an upright measuring stick, a clamp embracing the measuring stick and having means to frictionally engage the same, the clamp having a pair of horizontal vertically-spaced arms projecting to one side to straddle the edge of a table or other support, clamping means carried by one of the said arms, and adjustable slides having means embracing and frictionally engaging the measuring stick, the slides having holding portions projecting in a direction opposite to the direction in which the aforesaid arms project and adapted to receive marking elements, the clamp being disposed between the slides.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ELLA CARDELL.

Witnesses:
DOROTHY BLAKELEY,
F. K. BOWMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."