

(No Model.)

C. GUNKEL.
TAILOR'S MEASURE.

No. 486,670.

Patented Nov. 22, 1892.

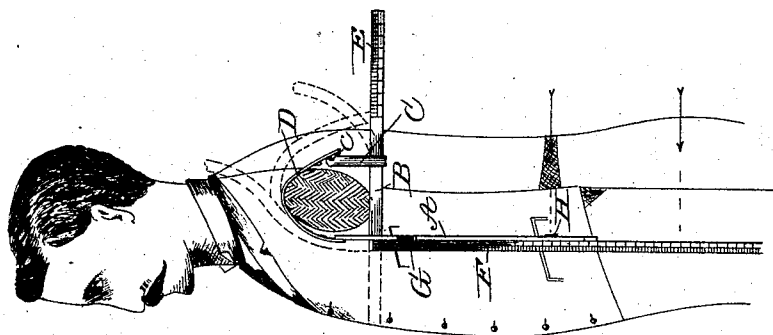


Fig. 2.

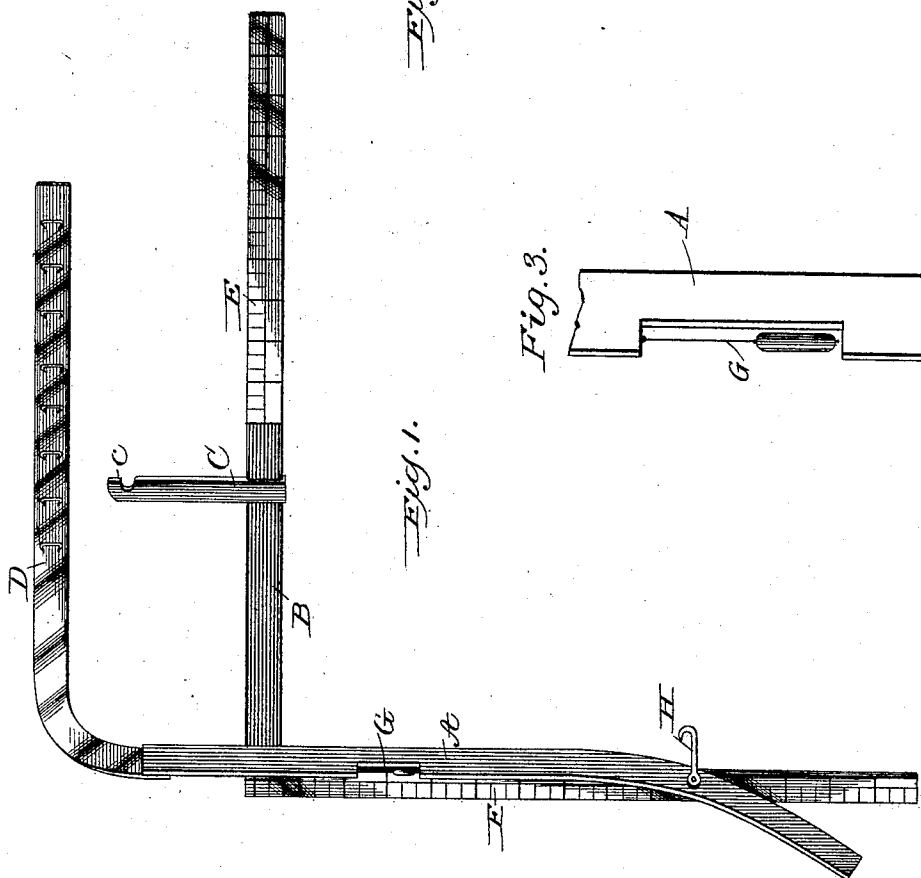
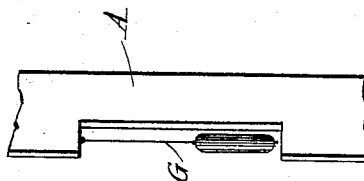


Fig. 1.

Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

CASPAR GUNKEL, OF JEFFERSON, IOWA.

TAILOR'S MEASURE.

SPECIFICATION forming part of Letters Patent No. 486,670, dated November 22, 1892.

Application filed December 10, 1891. Serial No. 414,588. (No model.)

To all whom it may concern:

Be it known that I, CASPAR GUNKEL, of Jefferson, county of Greene, and State of Iowa, have invented a new and useful Improvement in Tailors' Measures, of which the following is a specification.

My invention relates to an improved instrument to be used by tailors in making measurements for coats, vests, and similar body-coverings.

The principal aim of my invention is to provide a simple device by which measurements may be made without distorting the body in any respect and to prevent any change in the position of the established base-line during the progress of the measurements.

In the accompanying drawings, Figure 1 represents a perspective view of my improved measure, and Fig. 2 a side elevation of the same in position for use. Fig. 3 is an enlarged view showing the plumb-level device.

Referring to the drawings, A represents a flat rigid blade of straight form at the upper end, but curved edgewise at the lower end that it may round out over the hips of the wearer when applied to the side of the body.

B represents a rigid metal blade fixed rigidly to and across the inner edge of the blade A near its upper end, projecting mainly on one side of the same.

C is an upright sliding arm mounted to move along the blade B and formed at the upper end with a hook c.

D is a strap or band, preferably of elastic material, secured to the upper end of the blade A and adapted to be detachably connected with the hook c.

E is a flexible graduated blade or scale lying along the inner side of the blade B and fixed thereto at a point near the blade A, so that its rear end may be curved or bent freely in all directions around the body of the subject.

F is another graduated strap or tape attached at its upper end to the forward end of the blade B at or near the blade A.

G is a plumb-line suspended in a recess in the outer edge of the blade A to facilitate the adjustment of the same in a vertical position.

H is a clasp, which may be of any suitable

construction, preferably in the form of a hook, fixed to the lower end of the blade A and adapted for attachment to the clothing of the subject for the purpose of holding the lower end of the blade in position.

In making use of the device constructed as above the position of the hip-bone is ascertained and marked. The blade A is then applied edgewise to the body in front of the shoulder, with the blade B extending rearward under the arm. The slide C is carried forward against the rear side of the shoulder and the strap B passed over the shoulder and fastened snugly to the hook c, thereby securing the upper end of the device in the position represented in Fig. 2. The blade A is then brought to a vertical position, ascertained by means of a plumb-line, and fixed in this position by attaching the clasp H to the clothing.

The various measurements necessary to the designing of the garment are then made by means of the measures E and F, which may be extended in different directions about the body.

While I have represented a plumb-line, it will of course be understood that its well-known equivalent (a spirit-level) may be applied in any suitable position to the device as a means of bringing the blade A to a true vertical position.

Having thus described my invention, what I claim is—

1. A tailor's scale comprising the upright blade A and horizontal blade B, fixed thereto, the slide C, strap D, and two flexible scales E and F.

2. In a tailor's measure, an upright blade provided with a plumb-line and with a horizontal blade, in combination with means for attaching the upper end of the same to the shoulder, and with a clasp for connecting the lower end of the same to the clothing, and also provided with two flexible graduated scales, substantially as described and shown.

3. A tailor's measure comprising two right-angular arms or blades rigidly connected together, in combination with two flexible scales attached thereto at or near their angle, a plumb-level to indicate the vertical and hori-

zontal position of the respective arms, a strap
connected to one of the arms or blades adapt-
ed to pass over the shoulder, an adjustable
fastening device on the other arm to connect
5 with said straps, and means for fastening the
measure to the clothing of the person, substan-
tially as shown and described.

In testimony whereof I hereunto set my
hand, this 31st day of October, 1891, in the
presence of two attesting witnesses.

CASPAR GUNKEL.

Witnesses:

A. S. GILLILAND,
JNO. B. CLINE.