No. 736,052. PATENTED AUG. 11, 1903.

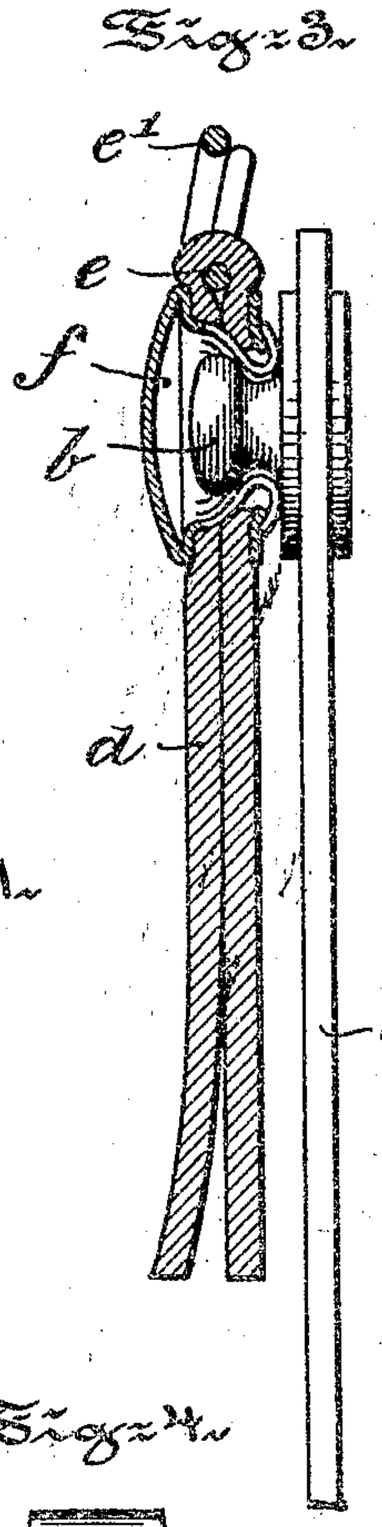
J. M. ADAMSON.

TAILOR'S TAPE MEASURE.

APPLICATION FILED NOV. 29, 1902.

NO MODEL.

Fig. 3.



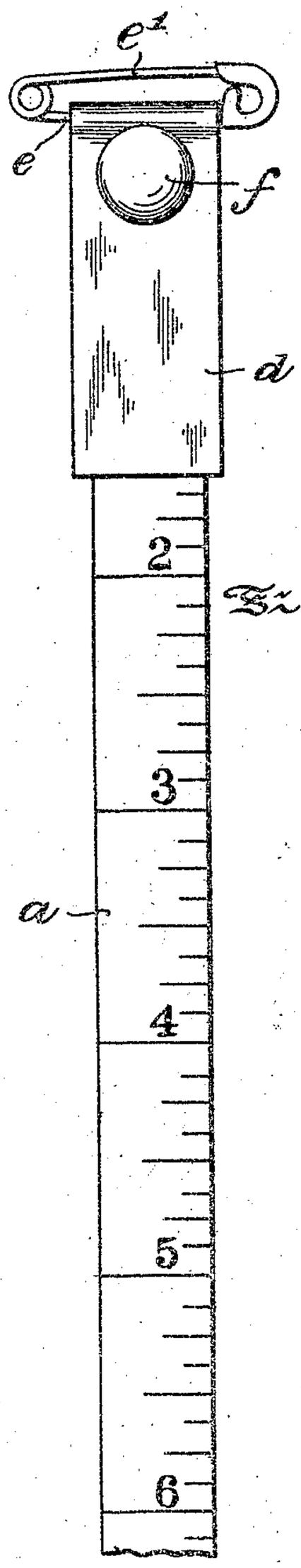


Fig. 1.

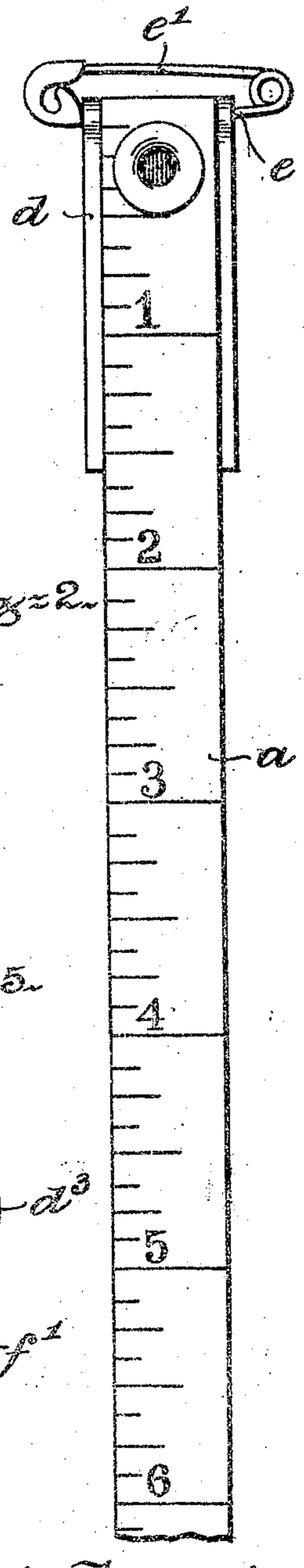


Fig. 2.

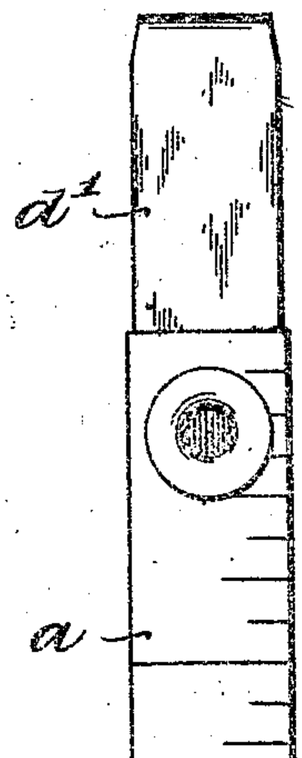


Fig. 4.

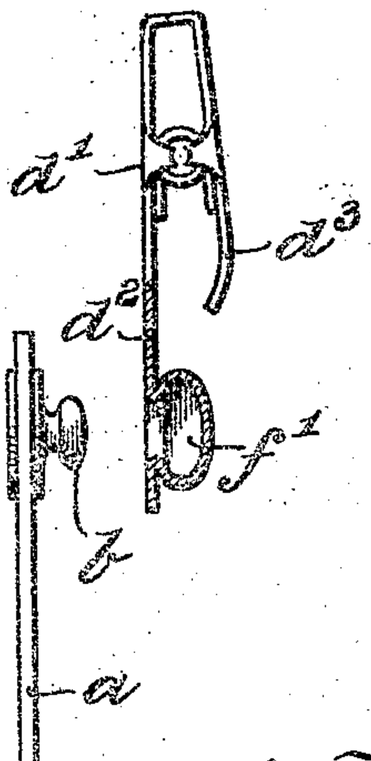


Fig. 5.

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No. 736,052. Patented August 11, 1903.

UNITED STATES PATENT OFFICE.

JAMES M. ADAMSON, OF PHILADELPHIA, PENNSYLVANIA.

TAILOR'S TAPE-MEASURE.

SPECIFICATION forming part of Letters Patent No. 736,052, dated August 11, 1903.

Application filed November 29, 1902. Serial No. 133,237. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. ADAMSON, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Tailors' Tape-Measures, of which the following is a specification.

My invention has relation to a tape-measure for use in tailoring, and in such connection it relates to the construction and arrangement of such a tape-measure.

Heretofore in tailoring considerable difficulty and frequent inaccuracy have arisen in the attempt in measuring the parts of the body to be fitted by the garment by reason of the fact that one end of the tape had to be held up against the portion from which the measurement was to be taken with one hand and the body of the tape then extended with the other hand to the portion where the measurement ended. In coat or waist fitting especially the measurements across the shoulders, down the back, and along the sleeves necessitated frequent changes of the tape and consequent annoyance, inaccuracy, and the expenditure of much time and labor.

The principal object of my invention is to provide a tape-measure adapted at one end to be readily attached or detached to or from the garment to be measured by a simple fastening means, and when so attached the tape is arranged to swing parallel with the garment upon its fastening means.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a front elevational view of a portion of a tape-measure and of the fastening means secured at one end thereof, said measure and means embodying main features of my invention. Fig. 2 is a rear elevational view thereof. Fig. 3 is a side elevational view, enlarged, of the measure with the fastening means illustrated in section. Fig. 4 is a rear elevational view of a modified form of my invention; and Fig. 5 is a side elevational view showing the fastening means of Fig. 4 separated from the tape and partly sectioned.

Referring to Figs. 1 to 3 of the drawings, *a* represents a tape-measure provided at or near one end with a button *b*, preferably passed through the tape and projecting from one face thereof. The fastening means comprises a tab *d*, formed of a strip of flexible material, such as leather, doubled to encircle the body *e* of a safety-pin or clasp *e'*. The tab *d* also carries a socket *f*, arranged to receive the button or stud *b* of the tape *a*. The stud *b* turns loosely in the socket *f*, so as to permit the tape to swing within the socket *f*, with the stud *b* as the axis.

In Figs. 4 and 5 the construction of the tape *a* and stud or button *b* is the same as in Figs. 1, 2, and 3. The fastening means, however, consists of a spring-clip *d'*, having one of its jaw members d^2 elongated and formed with a socket *f'*, corresponding to the socket *f* and arranged to receive the button *b* and to permit said button *b* to turn freely therein. The other jaw member d^3 is bent or curved to form a means whereby the spring-clip *d'* may, if desired, be grasped by the operator during the measuring operation.

In operation the safety-pin *e'* or clip *d'* is first secured at the point from which the measurement is to be taken, and the tape *a* is then secured either to the leather tab *d* or jaw member d^2, upon either of which it may be swung, the button *b* turning freely in the socket *f* or *f'* in a plane parallel with the face of the garment to be measured. The measure *a* may be readily detached from the tab *d* or clip *d'* without removing the fastening means from the garment, or both tape-measure and fastening means may be removed from the garment without disconnecting the tape from the fastening means, as occasion requires.

Having thus described the nature and object of my invention, what I claim as new, and desire to secure by Letters Patent, is—

A tailor's measure, comprising a tape hav-

ing at or near one end a stud or button, a fastening device, a flexible tab to which said device is connected, and a socket arranged in said tab and adapted to receive the stud or button and to permit the tape to swing freely in the same with the stud or button as an axis.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

JAMES M. ADAMSON.

Witnesses:
J. WALTER DOUGLASS,
THOMAS M. SMITH.