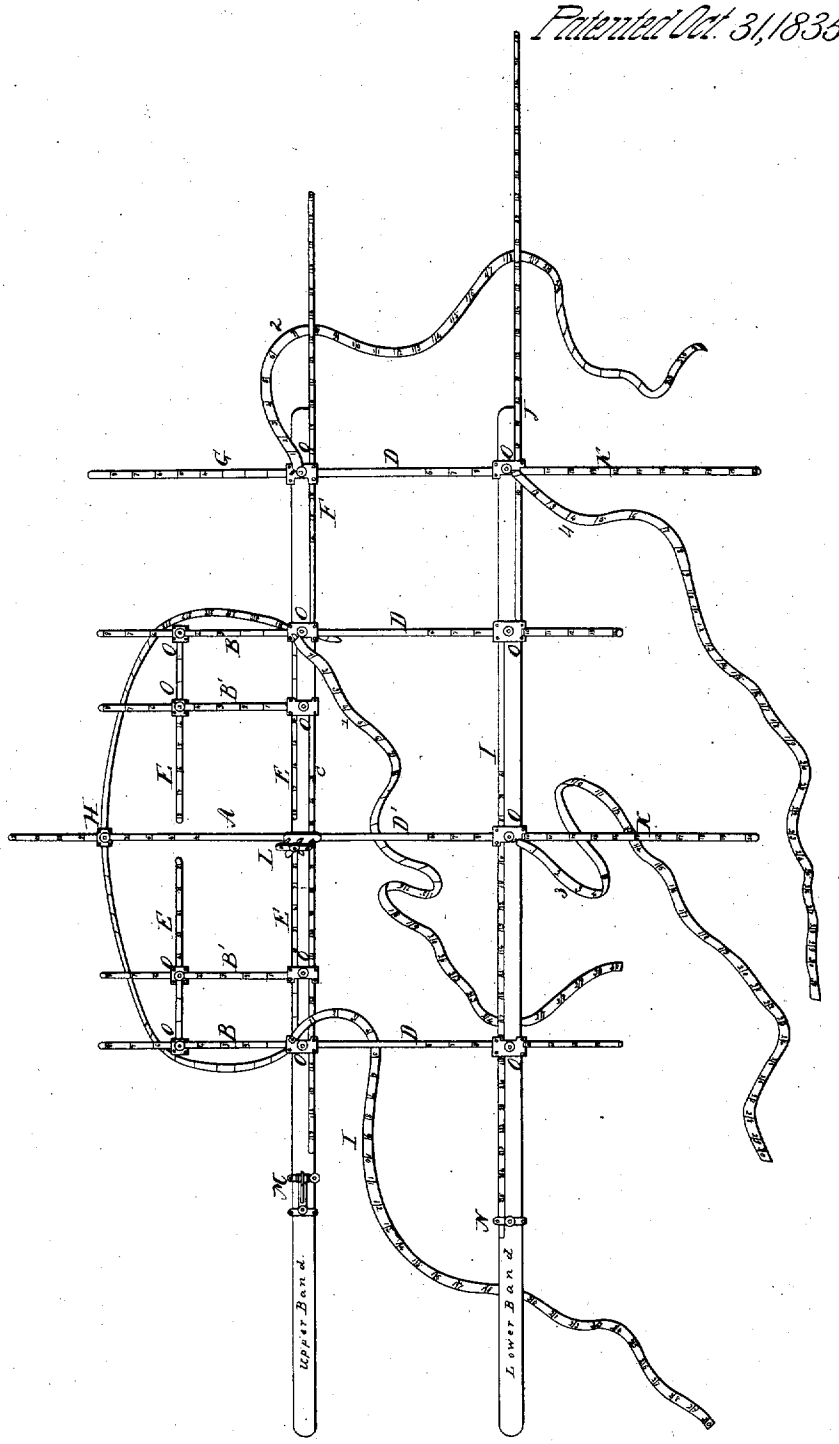
9219X

F. A. Fairchild.

Tailor's Measure.

Patented Oct. 31, 1835.



Oct. 31. 1835 9219X 37.

Frederick A. Fairchild, Columbus Georgia

Letters Patent.

The Schedule referred to in these Letters Patent, and making part of the same, and containing a description in the words of the said Frederick A. Fairchild himself of his improvement in the Tailors Measurer, for laying out garments preparatory to cutting.

Be it known that I Frederick A. Fairchild, of Columbus in the County of Muscogee and State of Georgia have made an improvement in the useful Arts being an apparatus for measuring the human body for coats, over coats, vests and other garments called Fairchilds Measurer, for Tailor use, which is described as follows.

First. In the cutting of a coat due consideration must be had of the muscular changes produced in the form of the body by the enlargement or contraction and diminution, or relaxation of the muscles in their different respective positions in the actions of the body.

The apparatus need consists of two steel elastic bands of about an inch in width and as thin as may be, one of these is intended to be passed around the chest and the other around the waist. There are clasps attached to these, in which clasps are small loops, through which slips of sheet brass are passed and by means of small thumb screws or otherwise said clasps and slips of brass, are fixed in any convenient position in regard to each other. Let it then be imagined that the steel straps for the chest and the waist having on each four clasps adjusted opposite to each other. Through each of the loops in these clasps is passed a slip of sheet brass three eighths of an inch wide and about two feet long being graduated in inches and parts of an inch, each steel spring or band being about forty inches long a slip of the said brass of the width above mentioned is adjusted to each steel band, being of the same length, so that by means of these the girth of the person about the chest and waist can be ascertained and the steel bands being placed at the proper

breadth

breadth of the chest and smallest place of the main part respectively of the sheet brass slips being adjusted some of them to these steel bands thus placed, two reaching at the sides above the shoulders and one rising behind as high as the back of the head & one in front as high as the throat, it is obvious that these sheet brass slips may be squinted through the loops in the clasps so as to indicate the whole length of the lines they describe and any parts of them; the measurer noticing the distances on these sheet brass slips of the several points in the body to be observed in the cutting of a coat &c. — The precise shape for the arms is ascertained by means of a short piece of sheet brass slip rising up in front of each arm from the steel band & bent around the chest, which short pieces are connected by cross pieces over the shoulder, these pieces being secured to the steel band and to each other by clasps, loops and thumb pieces, these cross pieces There is another which rises up from the sides of the steel band, around the chest and passes in front of the shoulders over them and along the back of the neck in the direction of the coat collar being attached to the upright back slip by a clasp, loop and thumb screw. Besides these measures some tape measures may be attached to points of these slips and thus accurate and complete measurement may be obtained of all the requisite parts points and spaces of the body necessary to be ascertained in order to cut a coat &c. fittingly. The steel bands being held together by clasps loops and thumb screws shown in the machine from which this description was taken deposited in the patent office. These bands may in effect be opened and the subject or body encircled in the measurer with readiness, and the operation of adjusting these bands and the slips aforesaid may be performed with dispatch by a ready operator. The machine is to be applied to the person without a coat when the measure is to be taken for a stout body coat and with a coat on when the measure is to be taken for an over coat. For a further illustration of my invention I refer to the model and drawings of the same deposited in the

Patent

Patent office. The principle of this improvement which I do claim as my invention, and which I desire to secure by Letters Patent, consists in the combination of the steel bands aforesaid with the check straps aforesaid by means of the clasps, loops and thumb screws adjustable together as aforesaid substantially as above described.

In witness whereof I have hereunto subscribed my name before two witnesses this 22d. day of October A.D. 1835

Witnesses
Clement J. Coats
Wm. P. Elliot

W. F. Fairchild

(Drawing)