

No. 656,467.

Patented Aug. 21, 1900.

J. MIOTKE.

GARMENT STRETCHER.

(Application filed Apr. 5, 1900.)

(No Model.)

Fig. 1.

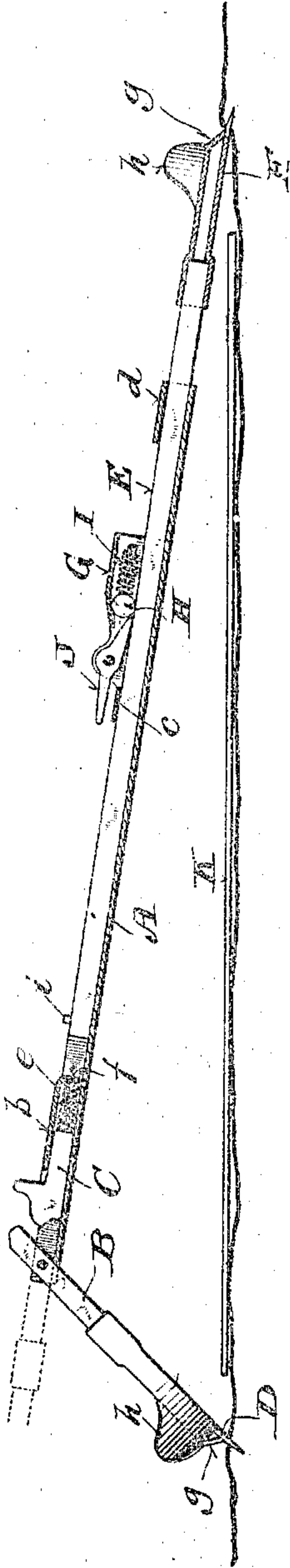
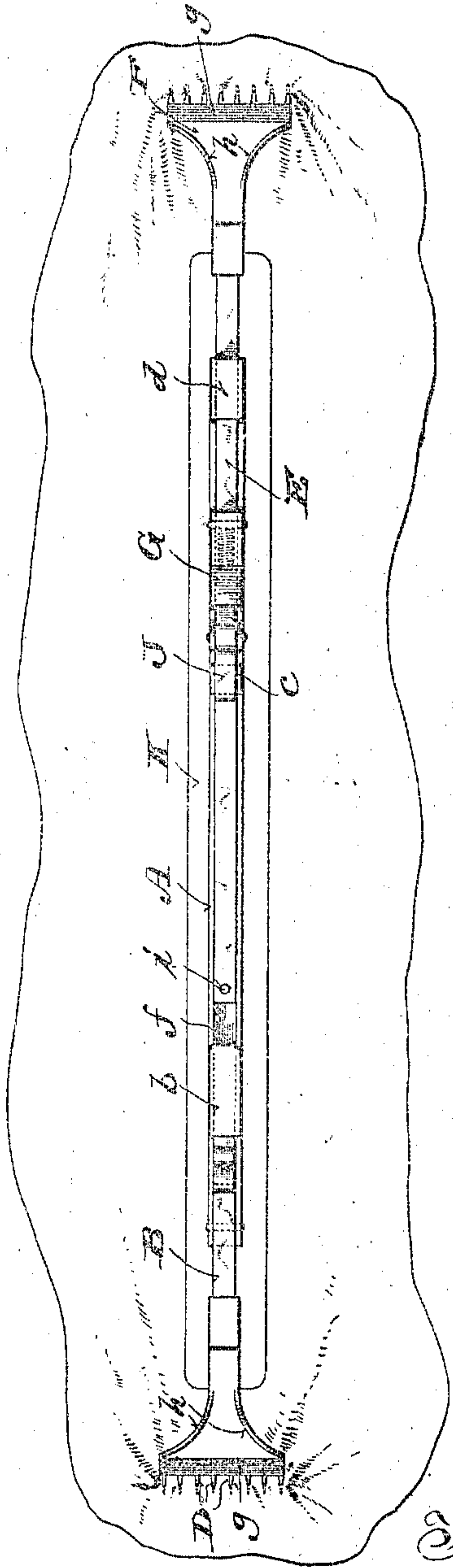


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOSEPH MIOTKE, OF MILWAUKEE, WISCONSIN.

GARMENT-STRETCHER

SPECIFICATION forming part of Letters Patent No. 656,467, dated August 21, 1900.

Application filed April 5, 1900. Serial No 11,617. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH MIOTKE, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Dressmakers' Tools; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has for its object to provide simple economical tools for dressmakers, whereby the material of garments may be properly stretched and held extended, so as to facilitate the attachment of stays thereto, said invention consisting in certain peculiarities of construction and combination of parts embodied in such a tool, as hereinafter particularly set forth with reference to the accompanying drawings, and subsequently claimed.

Figure 1 of the drawings represents a partly-sectional side view of a tool in accordance with my invention positioned on a piece of garment material ready to stretch the same; and Fig. 2 a plan view of the tool on said material, the latter being stretched.

Referring by letter to the drawings, A indicates an angular channel-bar having cover-plates *b c d* at intervals of its length and constituting the stock of the tool herein specified. In pivotal connection with the recessed rear end of the channel-bar is an arm B, and a thumb-latch C for this arm is arranged to slide in said channel-bar under top plate *b* of same against a spiral spring *e*, opposing an inturned lip *f* of said top plate, the meeting ends of the arm and latch being made to have automatic engagement when said arm is in the plane of the channel-bar. The arm B constitutes part of the shank of a fork D, the prongs of which are guarded by a fender *g* to limit the depth to which they may penetrate in the material to be stretched, and curved side flanges *h* of the fork extend above the fender to facilitate handling of said fork. Arranged to slide in the channel-bar forward of its lipped top plate *b* is a rod E, that constitutes part of the shank of another fork F, having a fender *g* and flange *h* similar to the one aforesaid, and the top plate *c* of said channel-bar is in the path of a stop-lug *i*, rising from the rear end of said rod to prevent the latter from being drawn out of its guide.

Surmounting the channel-bar forward of its top plate *c* is a housing G, having an inclined rear upper portion, between which and rod E is arranged a friction-disk H, opposed by a spiral spring I, confined in said housing. The spring-controlled friction-disk yields to outward pull of the rod and prevents its automatic retraction. In pivotal connection with rear extensions of the housing sides is a lever J, that extends forward against the friction-disk, and by operating this lever said disk is moved forward against resistance of spring I to permit of rod E being retracted in the channel-bar.

While I have shown a satisfactory means for controlling adjustment of the fork-shank or rod E longitudinally of the channel-bar A, it is practical to arrive at the same result by other means. Hence I do not limit myself to those herein set forth. In practice the proper adjustment of rod E in the channel-bar is effected and latch C retracted to permit of the fork D being set at an angle to the plane of said channel-bar, as shown in Fig. 1. Both forks of the tool being now engaged with garment material, said tool is straightened out to stretch said material and hold it extended while an ordinary stay K is being made fast thereto, both hands of the operator being free to set the stay. Setting of the stay having been accomplished, it is obvious that the tool may be readily removed from the work, either by unlocking and raising the joint of channel-bar A and arm B or by retracting rod E if the latter be extended to lengthen said tool.

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

1. A dressmaker's tool comprising a channel-bar stock having cover-plates at intervals of its length, a fork having its shank in pivotal union with the stock at one end of same, a fork-shank latch retractive in said stock, a spiral spring intermediate of the latch and an inturned lip of one of said cover-plates, another fork having its shank in sliding engagement with the aforesaid stock, and means for preventing automatic retraction of the latter fork from adjusted position.

2. A dressmaker's tool comprising a channel-bar stock having cover-plates at intervals of its length, a fork having its shank in piv-

otal union with the stock at one end of same,
a fork-shank latch retractive in said stock, a
spiral spring intermediate of the latch and an
inturned lip of one of said cover-plates, an-
5 other fork having its shank in sliding engage-
ment with the aforesaid stock, means for pre-
venting automatic retraction of the latter
fork from adjusted position, and a stop-lug
arranged on the shank of this fork to come
10 against another of the aforesaid cover-plates.
3. A dressmaker's tool comprising a stock,
a fork having its shank in sliding engagement
with the stock, a housing on the stock having
inclination of top, a friction-disk intermedi-
15 ate of the fork-shank and inclination of the
housing, a spiral spring in said housing op-

posed to the friction-disk, a lever arranged
to move said disk against resistance of the
spring, another fork having its shank in piv-
otal union with the stock at the end of same 20
farthest from the fork aforesaid, and a latch
arranged to lock the pivoted fork in the plane
of said stock.

In testimony that I claim the foregoing I
have hereunto set my hand, at Milwaukee, 25
in the county of Milwaukee and State of Wis-
consin, in the presence of two witnesses.

JOSEPH MIOTKA.

Witnesses:

N. E. OLIPHANT,
B. C. ROLOFF.