

925,431.

M. A. GENSLER.  
SEWING CABINET.  
APPLICATION FILED JAN. 7, 1909.

Patented June 15, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

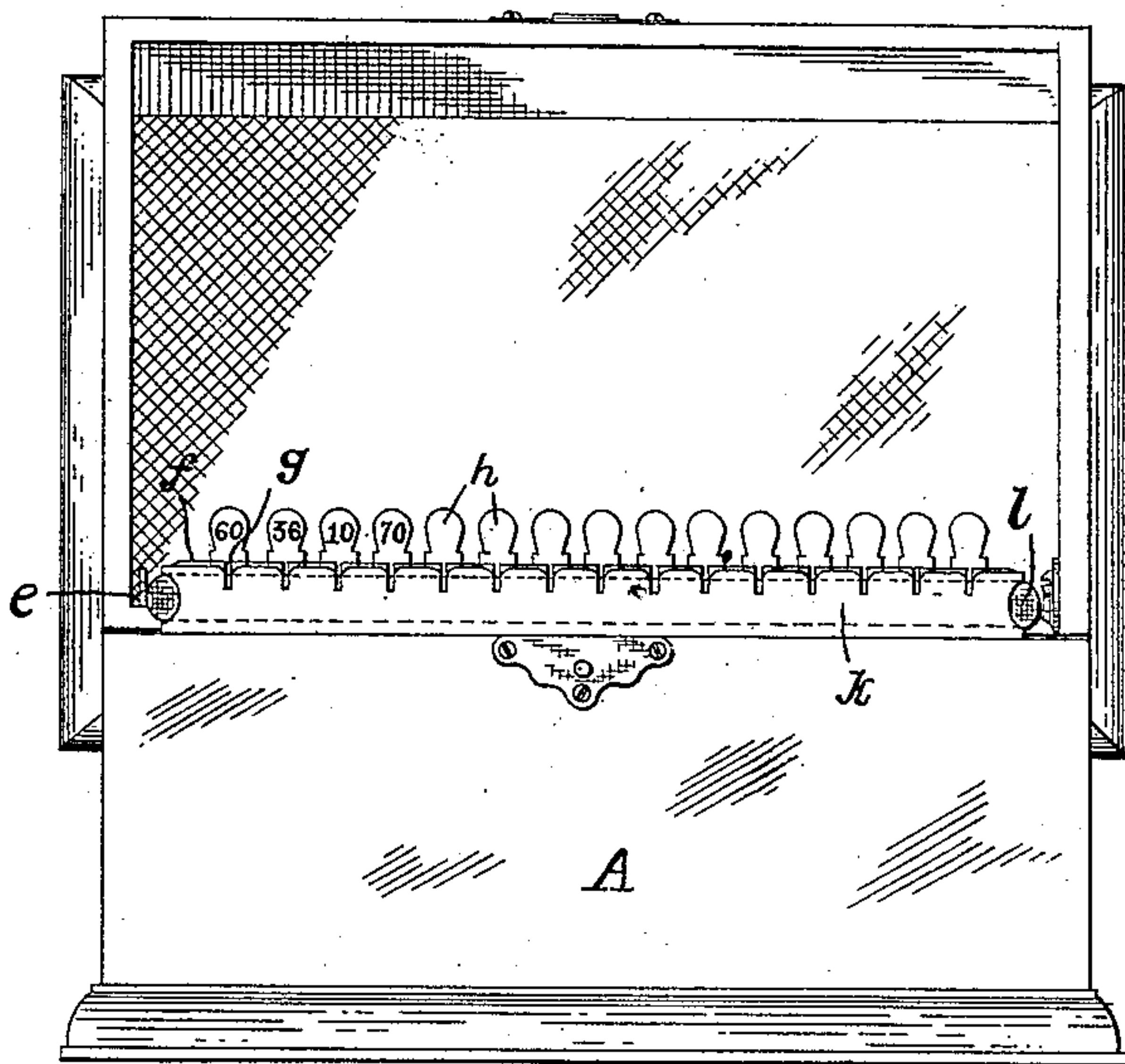
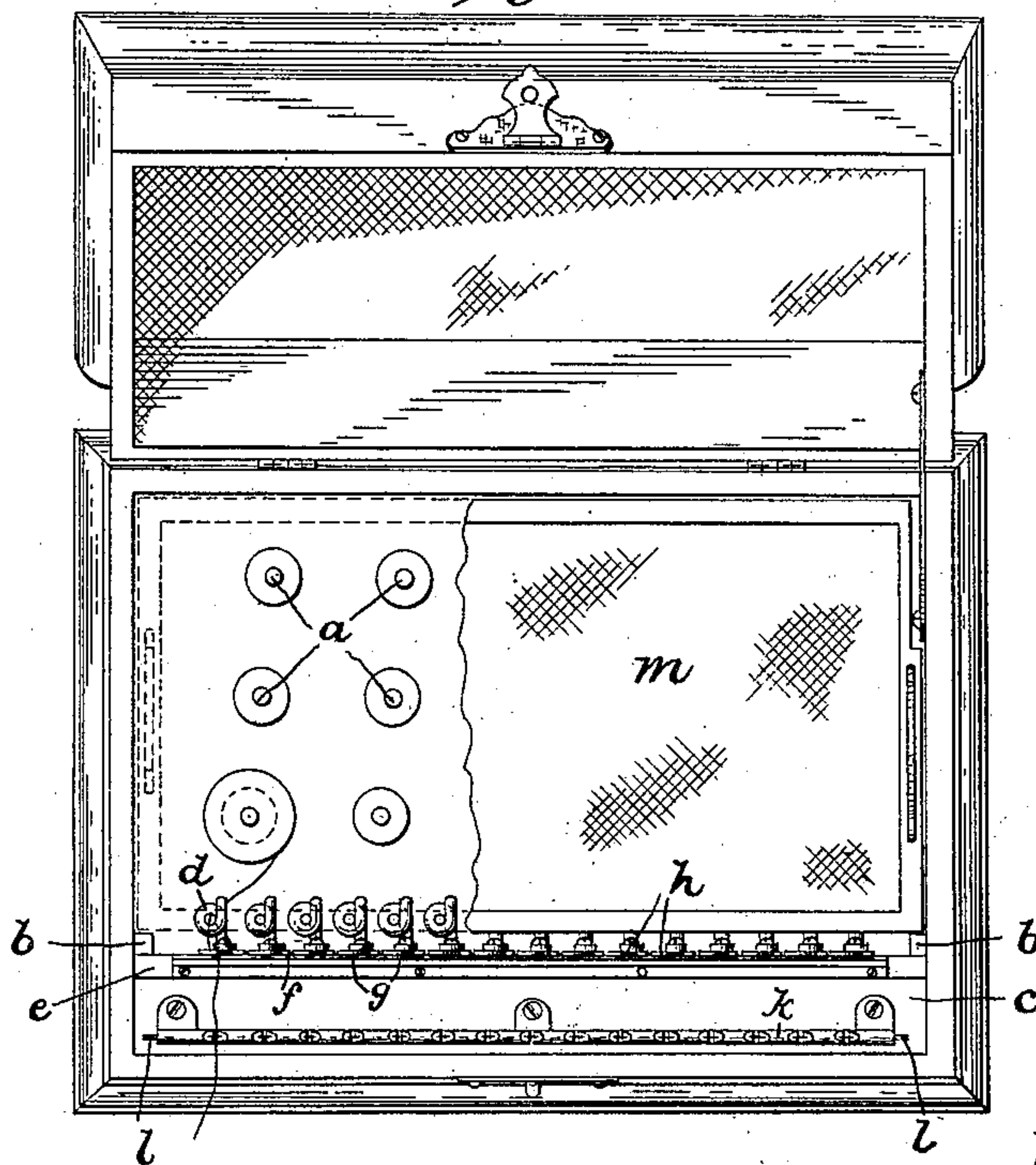


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

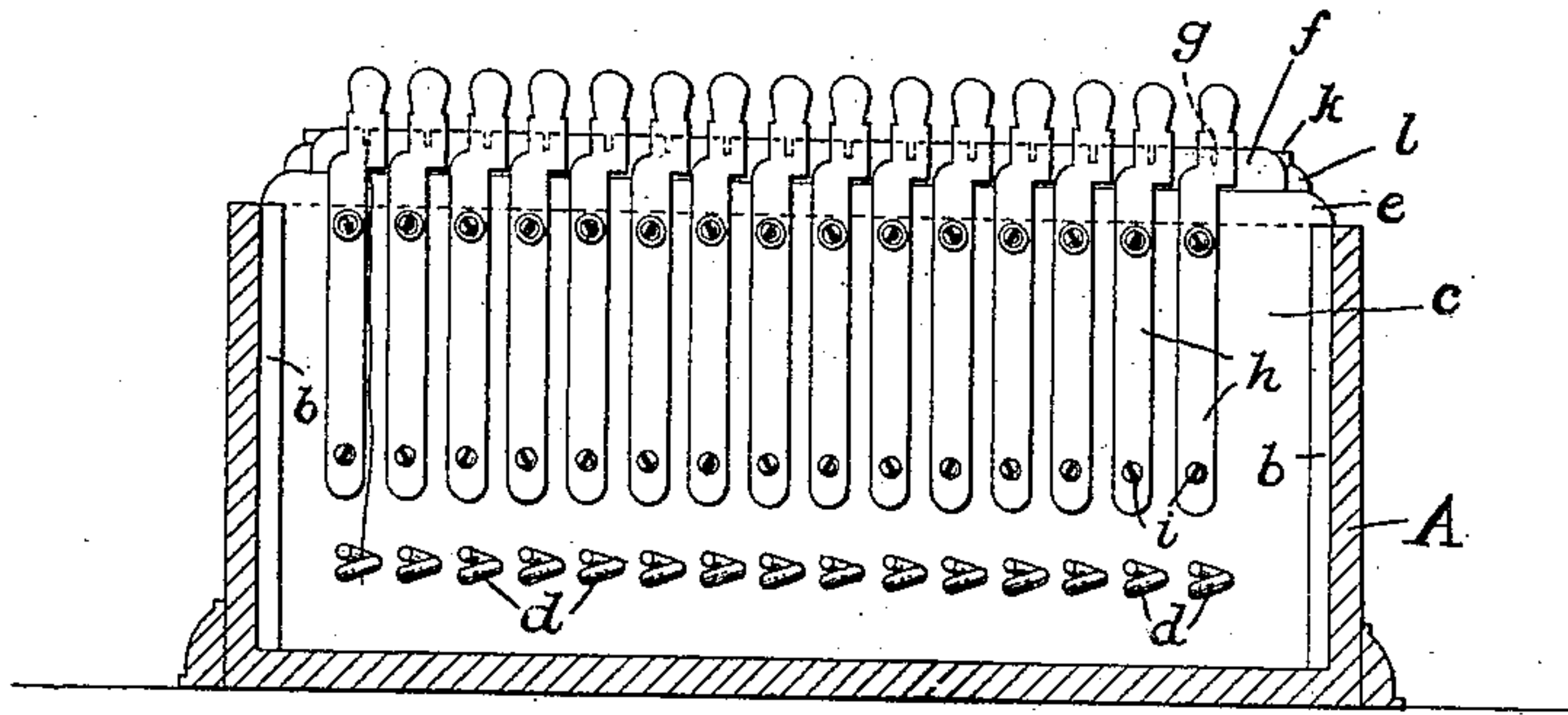


Fig. 4.

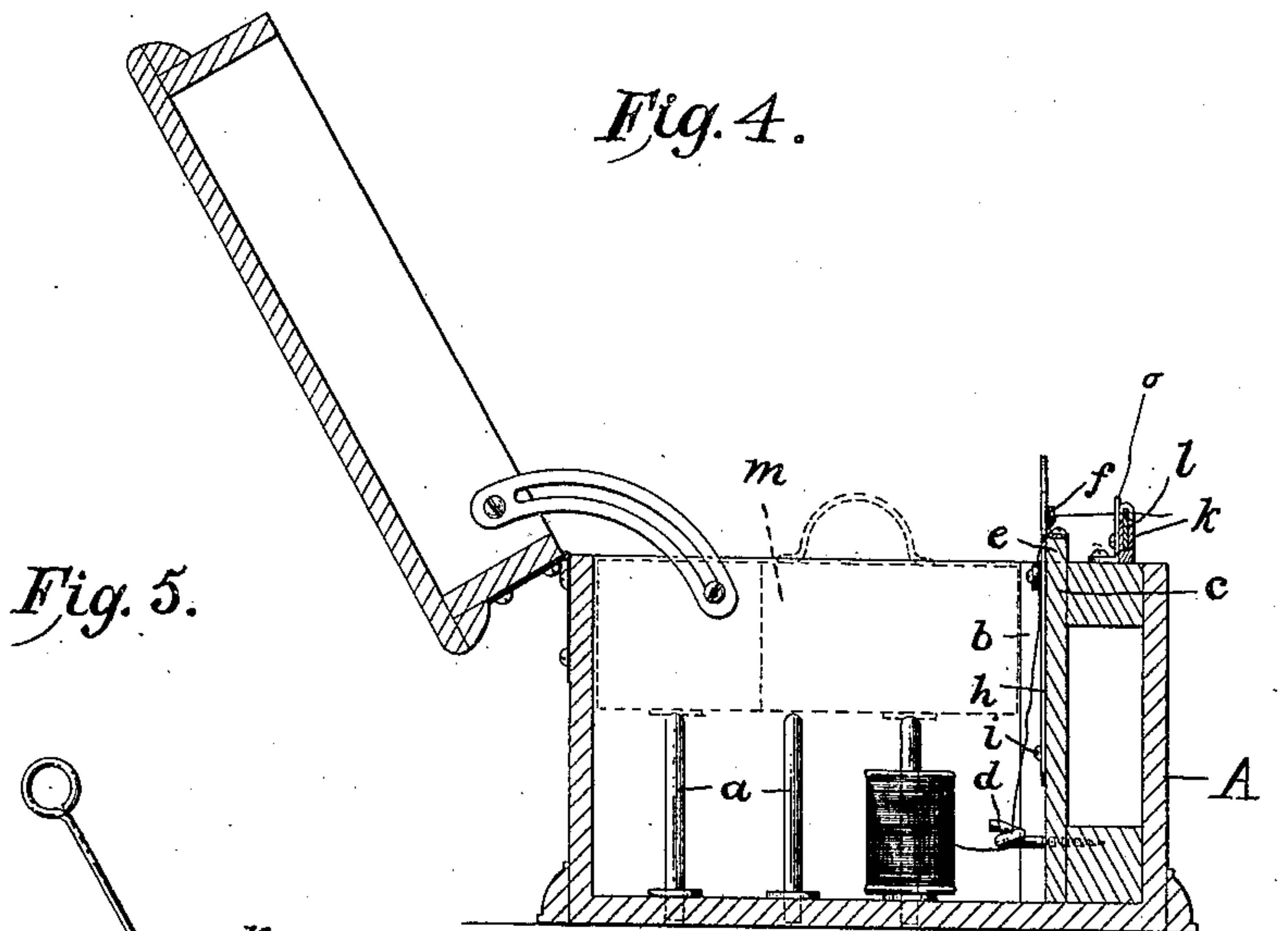


Fig. 5.

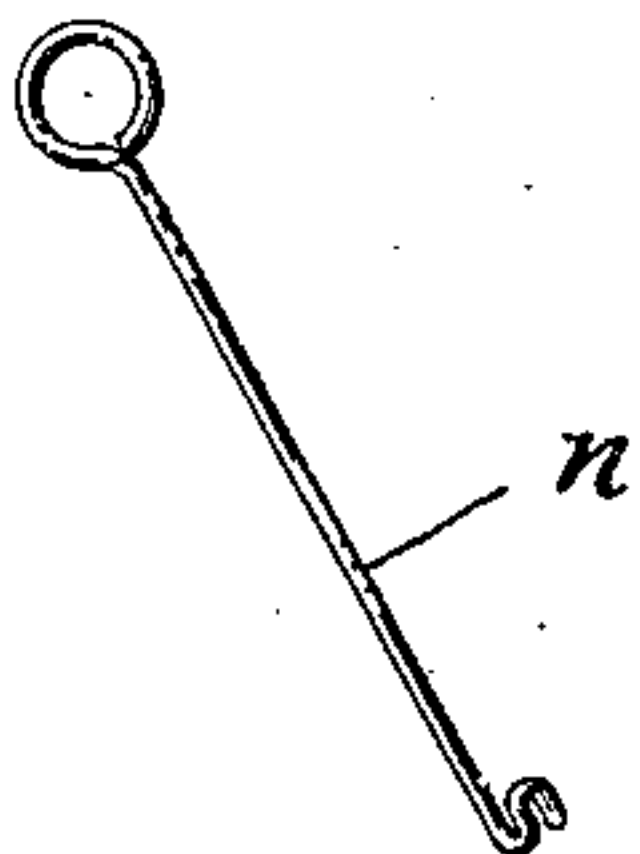
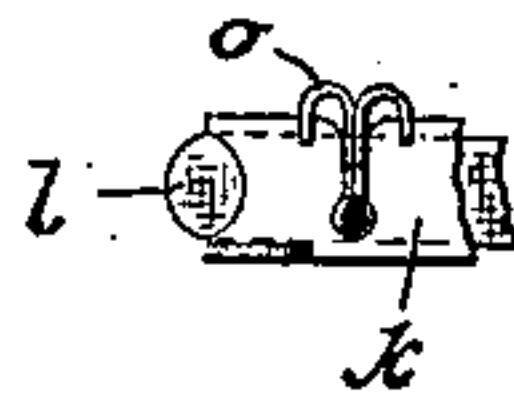


Fig. 6.



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# UNITED STATES PATENT OFFICE.

MERVIN A. GENSLER, OF YORK, PENNSYLVANIA.

## SEWING-CABINET.

No. 925,431.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed January 7, 1909. Serial No. 471,182.

*To all whom it may concern:*

Be it known that I, MERVIN A. GENSLER, citizen of the United States, residing at York, Pennsylvania, have invented certain new and useful Improvements in Sewing-Cabinets, of which the following is a specification.

My invention relates to holders for spools of thread, silk and the like.

It consists principally of an improved construction of the thread cutter, and in the relation of the cutter to the other parts.

In the accompanying drawing I have shown in Figure 1 a cabinet in front elevation with the cover thrown back. Fig. 2 is a plan; Fig. 3 is a sectional view showing the inside of the front wall which supports the tension member. Fig. 4 is a section taken from front to rear. Fig. 5 shows a threading device. Fig. 6 is a detail view.

In these drawings the box represented at A may be of any convenient shape or size and may be of wood or metal. In the bottom of the box I provide a series of spool spindles *a*, in number corresponding to the number of spools likely to be needed. Toward the front of the box, against the end walls, strips *b* are secured in any suitable manner, providing a space to which is fitted a block *c* carrying tension devices for the threads leading from the spools and a cutter for serving the threads. I provide as many tension devices as there are likely to be spools used in the cabinet, and I prefer to indicate the number of the thread or silk on the end of the tension device so that the user of the cabinet can instantly determine the number or quality of each exposed end. The threads leading from the spools first pass through a twisted wire guide *d*, there being a guide for each thread, and these guides being held in the block *c* near the bottom thereof in any suitable manner. The tension devices are alike, and also equal in number to the number of spools or the number of spindles adapted to receive spools within the box and the description of one of the tension devices will suffice for the others.

At the top of the block *c* a rib *e* projects, and this supports an angle plate *f*, extending across the front of the tension devices and provided with slits *g*, equal in number to the number of tension devices and located centrally thereof. The tension devices consist of elongated plates of spring steel preferably as shown at *h*, being secured in

place by screws *i*, passing through the bottom of the tension plates while near their upper end a second line of screws pass from the tension device, these screws being headed and having thereon a washer of felt, and as they are not screwed all the way in against the tension plates there is a certain amount of movement which allows the threading of the cabinet, the felt washers putting a certain amount of tension on the plates so as to prevent displacement of the threads after they are once in place. The tension plates are off-set in their upper ends so that their exposed portions in the front of the cabinet come directly in front of the slits in the angle plate. After the thread is drawn from the spool and passed through the guide *d*, it is brought upwardly, the tension plate forced backwardly and the thread passed into the slit *g* of the angle plate and the tension plate then released, after which it presses firmly against the thread and puts a distinct tension thereon.

I have provided a very effective means of cutting off the threads, using a single knife or cutter for the entire series of threads. On the top of the block *c*, and in advance of the tension devices, and between them and the front of the block, I provide a knife holder *k*, which extends substantially from end to end of the block *c* being about the same length as the angle plate *f*, and in the top of this holder, directly opposite the slits *g* in the angle plate I provide a series of notches to guide the thread directly upon the knife edge, these notches being in number equal to the number of tension devices. Within the holder I place a blade *l*, having its upper edge formed as a cutter, and this edge is exposed at the bottom of the V shaped notches so that the threads may be readily cut by simply pulling them downwardly into the corresponding notch. At the same time the knife is fully protected and there is no danger of the user being cut, as access can only be had to the cutting edge by pressing the thread down into the V shaped notches. The knife is removable from the holder for sharpening or other purposes. For this purpose the blade is made in such relation to the holder, in respect of length, that it may extend beyond the holder at one end or the other, and thus be accessible to the user, for the purpose of removal or adjustment. This serves also another important function, in that it per-



mits the blade to be adjusted longitudinally, to bring an undulled part into place of a dulled part, and this, as the thread dulls the blade rapidly, renders unnecessary frequent sharpening. As all the space on the edge, between notches, may thus be utilized the blade may be used a long time without sharpening.

I may use a tray *m*, above the spool, if desired, as this keeps them free from dust and also forms a holder which may be found convenient to the user of the cabinet. In order to easily and quickly thread the guides I have provided a form of threader *n*. I may also find it desirable to attach to the rear of the knife holder *k*, and directly in line with the V shaped notches therein, spring tension devices *o*, which serve to retain the threads after a length has been cut

off and holds the threads in convenient position to be grasped when next used. Such a device is placed behind each notch.

What I claim and desire to secure by Letters Patent is:—

In a sewing cabinet, a series of tension devices and a cutter, said cutter comprising a straight holder with notches in its upper edge, and a straight blade slidably held within the holder and having its ends accessible and its edge exposed, substantially as described.

In testimony whereof, I affix my signature in presence of two witnesses.

MERVIN A. GENSLER.

Witnesses:

SPENCER E. DECKER,  
WILLIAM H. ALBERT.