

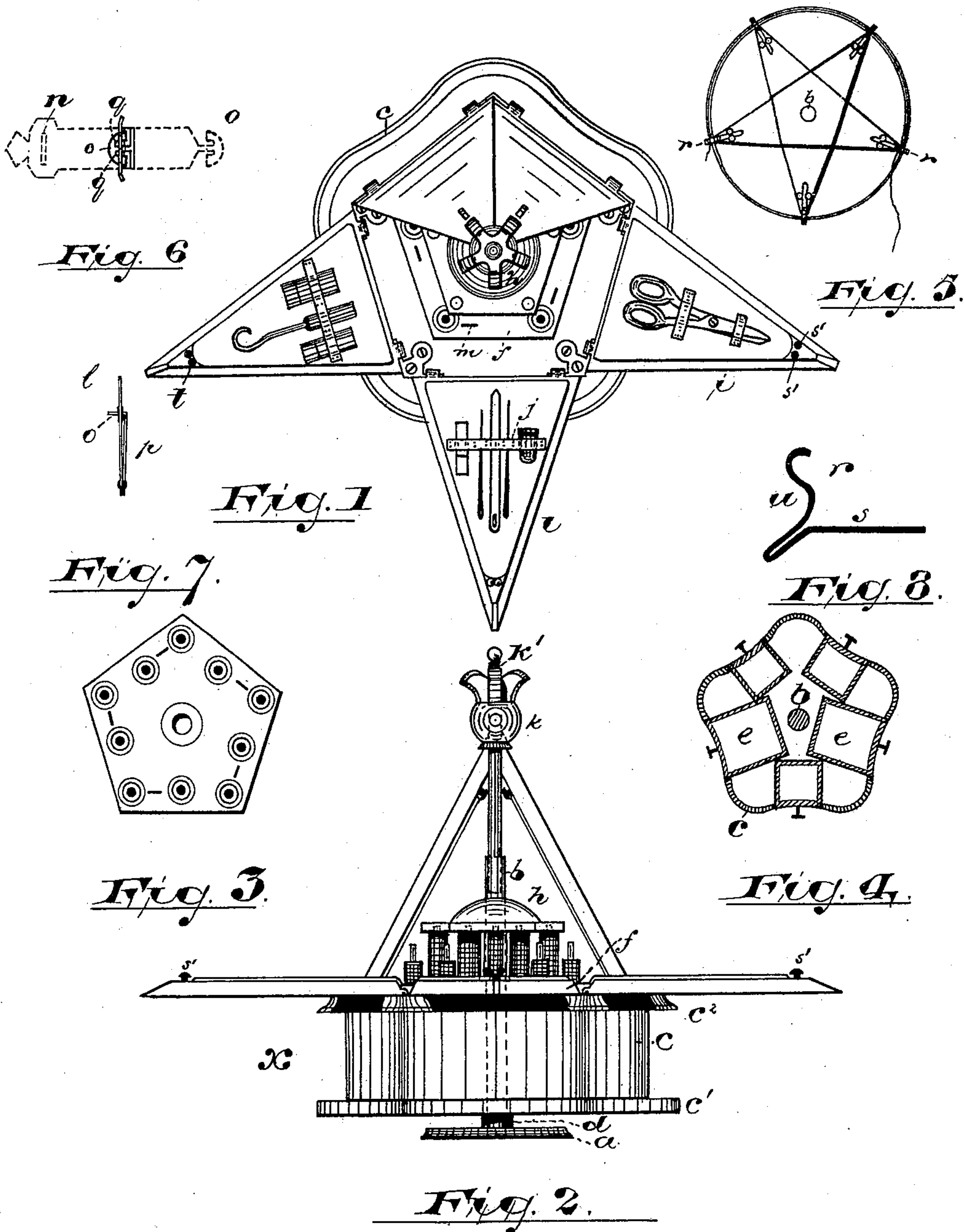
(No Model.)

2 Sheets—Sheet 1.

C. LATSCAR.
WORK BOX.

No. 401,037.

Patented Apr. 9, 1889.



WITNESSES:

Alfred Gartner
E. L. Sherman

INVENTOR

Christian Latschar,

BY Draper & Co. ATT'YS.

(No Model.)

2 Sheets—Sheet 2.

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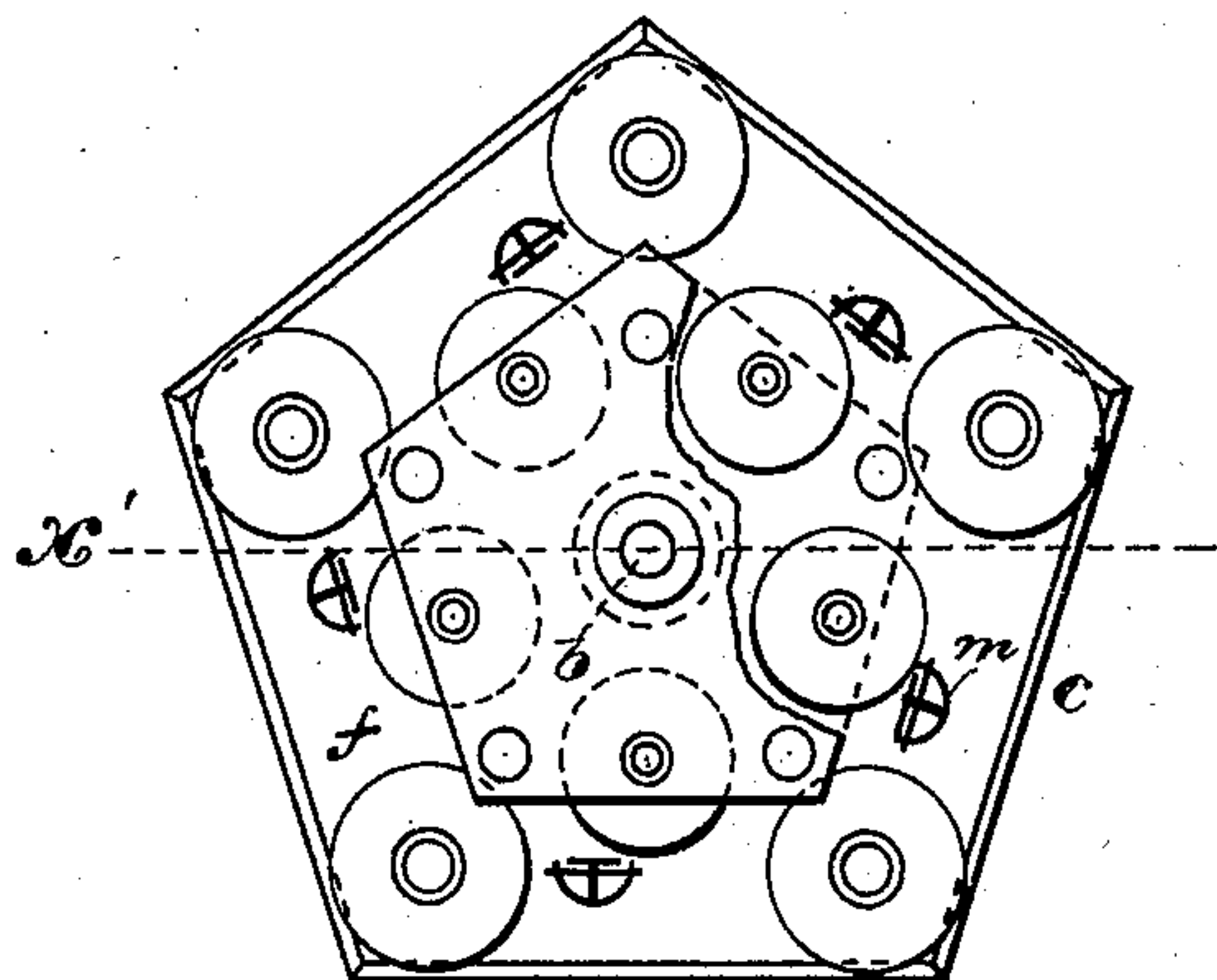


Fig. 9.

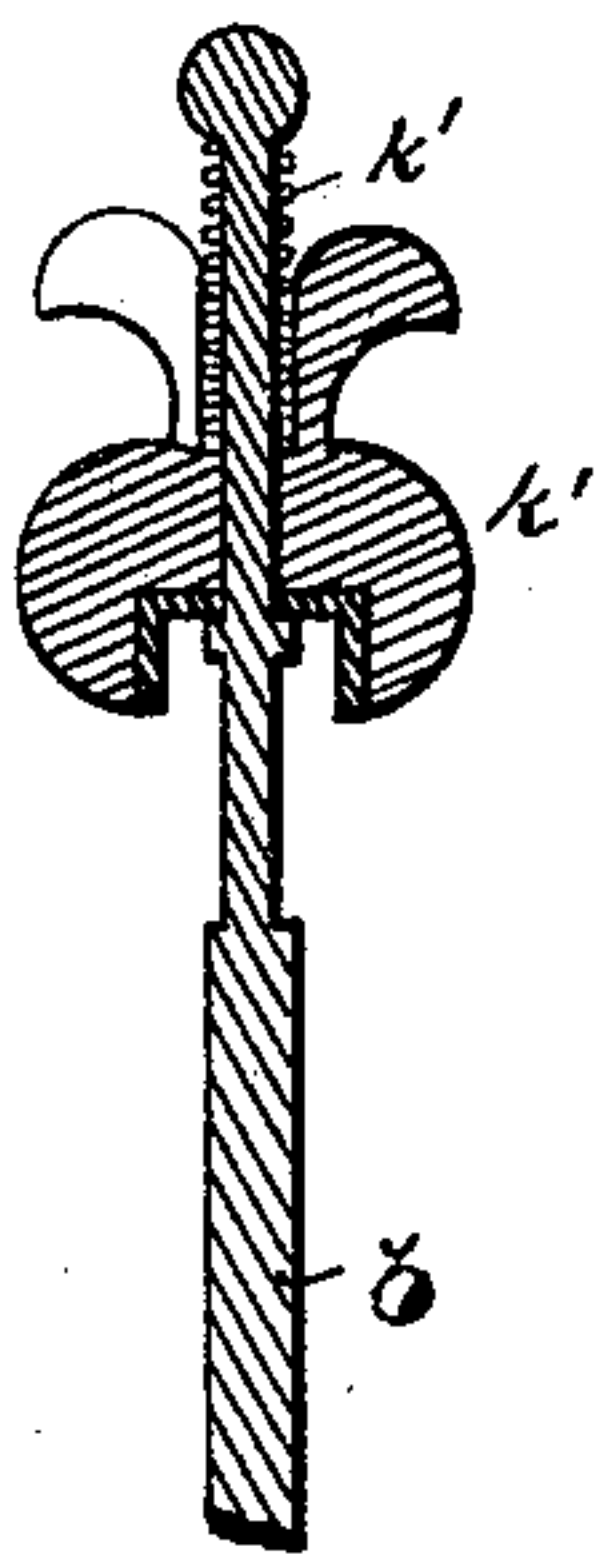


Fig. 11.

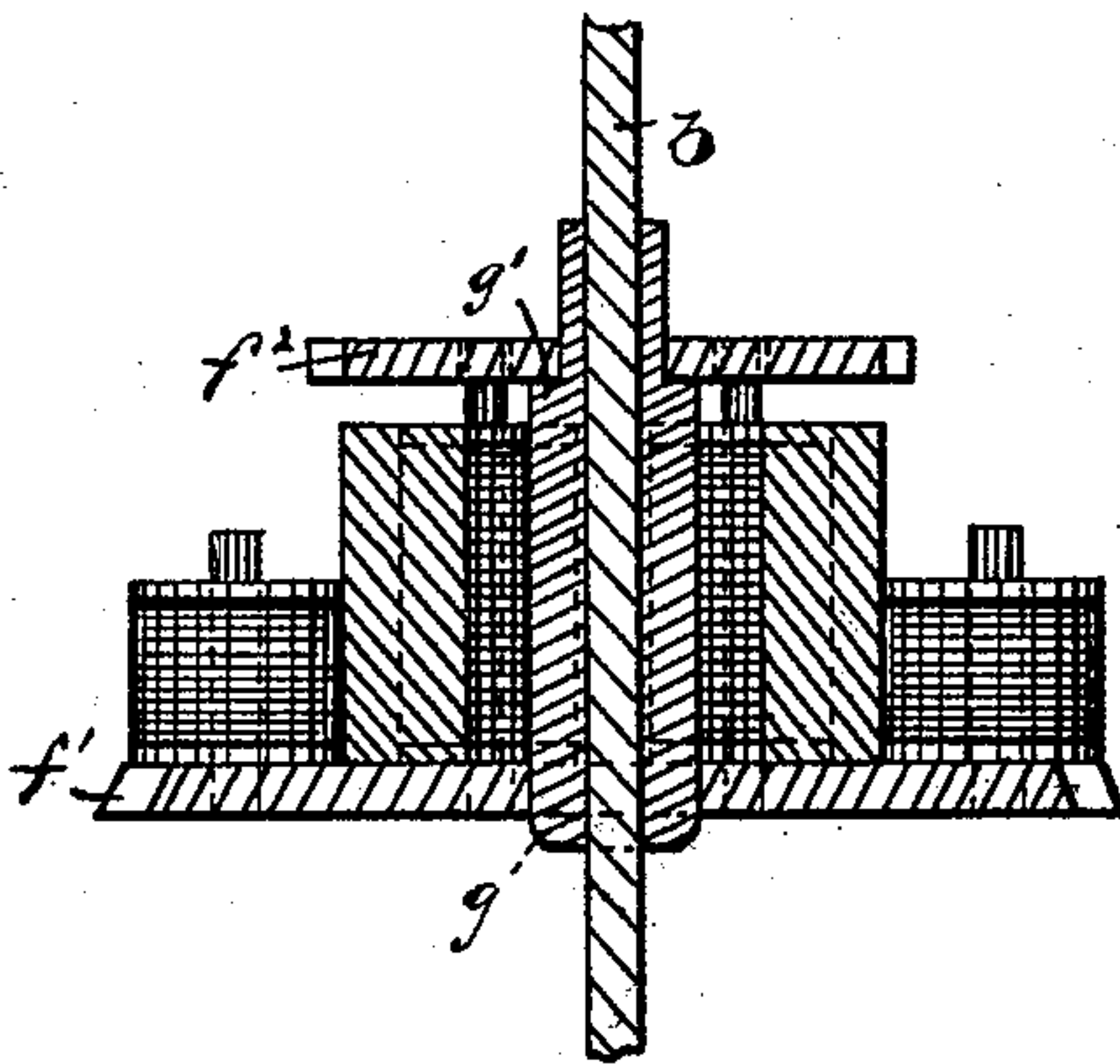


Fig. 10.

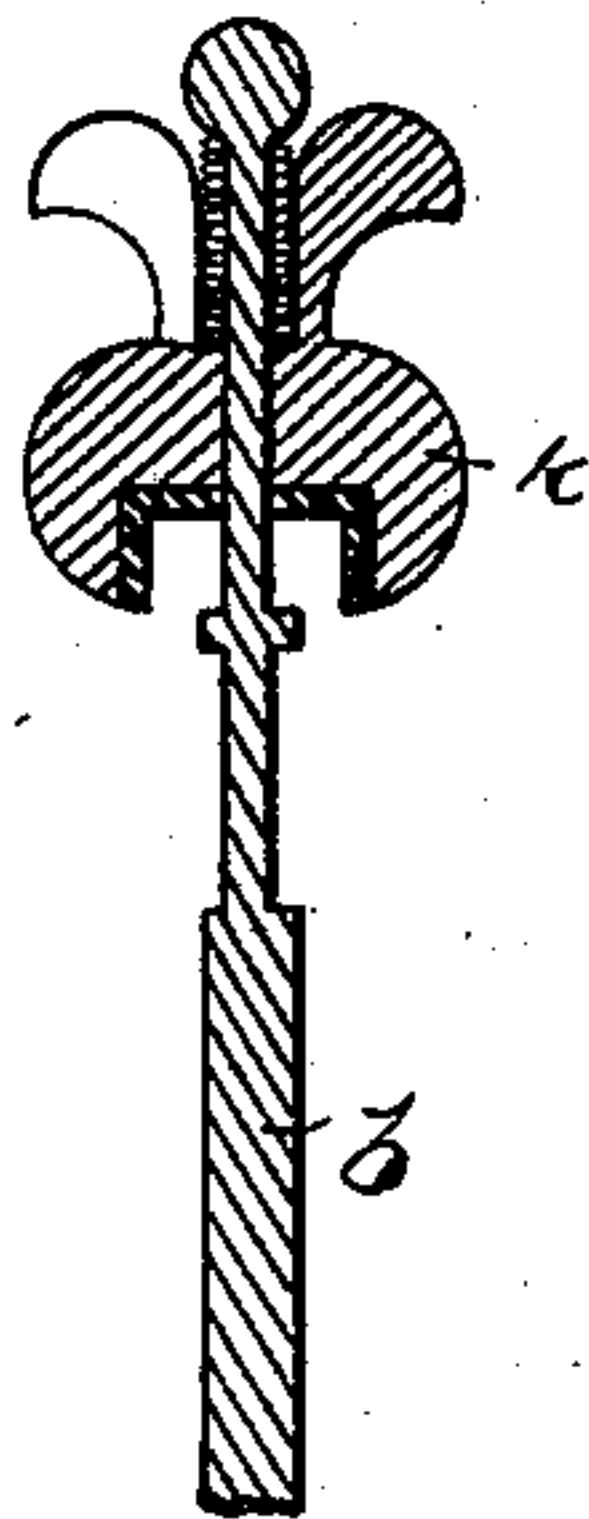


Fig. 12.

WITNESSES:

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UNITED STATES PATENT OFFICE.

CHRISTIAN LATSCHAR, OF NEW BRUNSWICK, NEW JERSEY.

WORK-BOX.

SPECIFICATION forming part of Letters Patent No. 401,037, dated April 9, 1889.

Application filed April 26, 1888. Serial No. 271,971. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN LATSCHAR, a citizen of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented certain new and useful Improvements in Ladies' Work-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a ladies' sewing-box of increased convenience; and it consists in arrangements and combinations of parts thereof, substantially as will be hereinafter set forth, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several figures of the two sheets, Figure 1 is a plan of the improved device, showing the same partly open to disclose the sewing-tools, &c., arranged on certain tablets thereof. Fig. 2 is a side elevation of the same. Fig. 3 is a plan of a spool-holder. Fig. 4 is a section taken on line X of Fig. 2, showing the arrangement of certain drawers which may be employed in connection with the top of the device. Fig. 5 illustrates the device as it may be employed in holding a skein of yarn in winding the same. Figs. 6 and 7 are respectively a plan and edge view of a thread-holder adapted to be employed in connection with the spindle upon which the spools are arranged in drawing the thread off the spools. Fig. 8 is a detail side view of a yarn-holding arm. Fig. 9, on the second sheet, is a plan showing the disposition of the spools on their spindles and their relation to the thread-holders. Fig. 10 is a section through line X' of Fig. 9, and Figs. 11 and 12 are central vertical sections of the central spindle and catch thereon, showing two positions of said catch.

In said drawings, *a* is a foot-piece, upon which the device stands, which foot-piece is provided with a spindle, *b*, upon which a revolving case or body, *c*, is arranged, the said

spindle being provided between the said foot-piece or the bottom of the case with a washer, *d*, Fig. 2, adapted to hold the said bottom away from the top of the foot-piece and allow of an easy movement to the same. The said case may be provided with a series of drawers, *e*, Fig. 4, or the same may be dispensed with. Said drawers slide between the bottom board, *c'*, and the top piece or board, *c''*. Upon the said spindle *b* is arranged a spool-holder, *f*. (Shown in plan in Figs. 3 and 9.) The said spool-holder, which revolves on the spindle, consists, preferably, of a plate or board, *f'*, arranged upon a collar or sleeve, *g*, as indicated in Fig. 10. Said sleeve projects slightly below the bottom of the lower plate, so as to raise the plate *f'* above the top board, *c''*, of the case, and is provided at the upper end with a shoulder, *g'*, upon which an upper plate, *f''*, rests, the said shoulder preventing the upper plate from dropping upon the spools, and thus tending to prevent them from revolving upon their spindles when the thread is being drawn off.

The upper plate is perforated, as indicated in Fig. 9, the said perforation coinciding with the ends of the spool-spindles, so that when the said plate is brought down in place it rests over the upper extremities of the said spindles and holds them more securely in position. Around the upper end of the sleeve is arranged a cushion, *h*. At or near the outer edge of the upper plate, *c''*, of the case *c* is hinged or pivoted a series of triangular tablets, *i i*, the bases of which together form a pentangular figure, as indicated in Fig. 1.

The inner faces of the triangular tablets are provided with receptacles *j* for scissors, thimble, hooks, and other articles useful in sewing, &c. Said tablets may be provided on their inner or outer sides with a suitable lining or cushion, against which the said spools may lie, said lining being illustrated in Figs. 1 and 2 at *i'*. The said tablets are hinged, which adapt them to be turned upward and to close around the spindle, the said tablets thus forming a pentagonal figure, as indicated in Fig. 1. To hold the upper ends of the said tablets together when closed, I have provided a sliding catch, *k*, having a recessed under side adapted to rest over the extremities of

the said tablets and to thus hold the same together. The said catch is held down in holding engagement with the tablets by means of a spring, k' , in any suitable manner.

5 To secure the tension upon the thread so that the same will not be withdrawn from the spool too easily, I have provided a spring-tension thread-holder substantially as indicated in Figs. 6 and 7, in which l indicates a
10 standing plate secured upon the spool-holder f adjacent to the spool, as at m . Said plate is slotted, as at n , Fig. 6, and through said slot is inserted a hook-shaped tongue, o , preferably a double hook, so that the one tongue
15 may be employed in connection with two independent threads. The said hook is formed on a plate, p , riveted against the plate l , as shown, and the said hook is bent approximately at right angles to the top of the said
20 plate p , so as to pass through the slot n .

The tendency of the spring-plate p is to draw back out of the slot, so that when the thread is inserted in the loop q , formed by the passage of the loop through the slotted plate,
25 a tension will be brought on the thread caused by friction, as will be understood.

The tablets upon the case c revolve therewith freely, and by this I am not only given ready access to any of the tools upon the tablets,
30 but I take advantage of such arrangement for the purpose of winding skeins of yarn. To this end I form a sliding arm, r , (shown in Figs. 5 and 8,) which is preferably made of flat wire, and is straight, as at s , so
35 as to slide between the nails s' or within a suitable socket within the tablets and lie firmly therein. Said arm is bent upward, as at u , forming a receptacle for a skein, so that when the said skein is arranged within the several
40 receptacles of the series of arms, as indicated in Fig. 5, by drawing upon the thread in winding the device is caused to turn and deliver up said yarn readily and freely.

To enable several sizes of skeins to be un-
45 wound, the hinged tablets can be raised to any degree of height. The smaller the skein the higher it is necessary to raise the tablets, as will be understood.

The upper plate, f^2 , on the spool-holder slides vertically on the central spindle to allow the spools to be removed from their spindles thereunder.

Having thus described the invention, what I claim as new is—

1. The improved work-box herein shown 55 and described, combining a spindle, a revolving plate having a series of hinged triangular tablets thereon, and a spool-holder provided with spool-spindles, the said tablets inclosing said spool-holder, substantially as and for the 60 purposes set forth.

2. The improved work-box herein shown and described, combining therein a revolving or rotary case, c , a spindle, a spool-holder arranged on said spindle, and a series of tablets hinged to said case c and adapted to be 65 turned against said spindle to inclose the spool-holders, substantially as set forth.

3. The improved work-box for ladies, providing a series of revolving tablets having yarn- 70 holding arms at their outer extremities and tool-receptacles j , said parts being arranged and adapted to operate substantially as and for the purposes set forth.

4. The improved work-box for ladies, combining therein a series of hinged tablets arranged upon a plate, c^2 , a spindle, and open tool-receptacles formed on the inner or upper 75 sides of said tablets and adapted to receive the tools and hold them in a concealed position when said tablets are closed against the spindle, substantially as set forth.

5. The improved work-box for ladies, combining a spindle and a series of triangular tablets hinged to open and close against said 85 spindle, and a catch sliding on said spindle and adapted to hold the extremities of said tablets against said spindle, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I 90 have hereunto set my hand this 30th day of March, 1888.

CHRISTIAN LATSCHAR.

Witnesses:

CHARLES H. PELL,
E. L. SHERMAN.