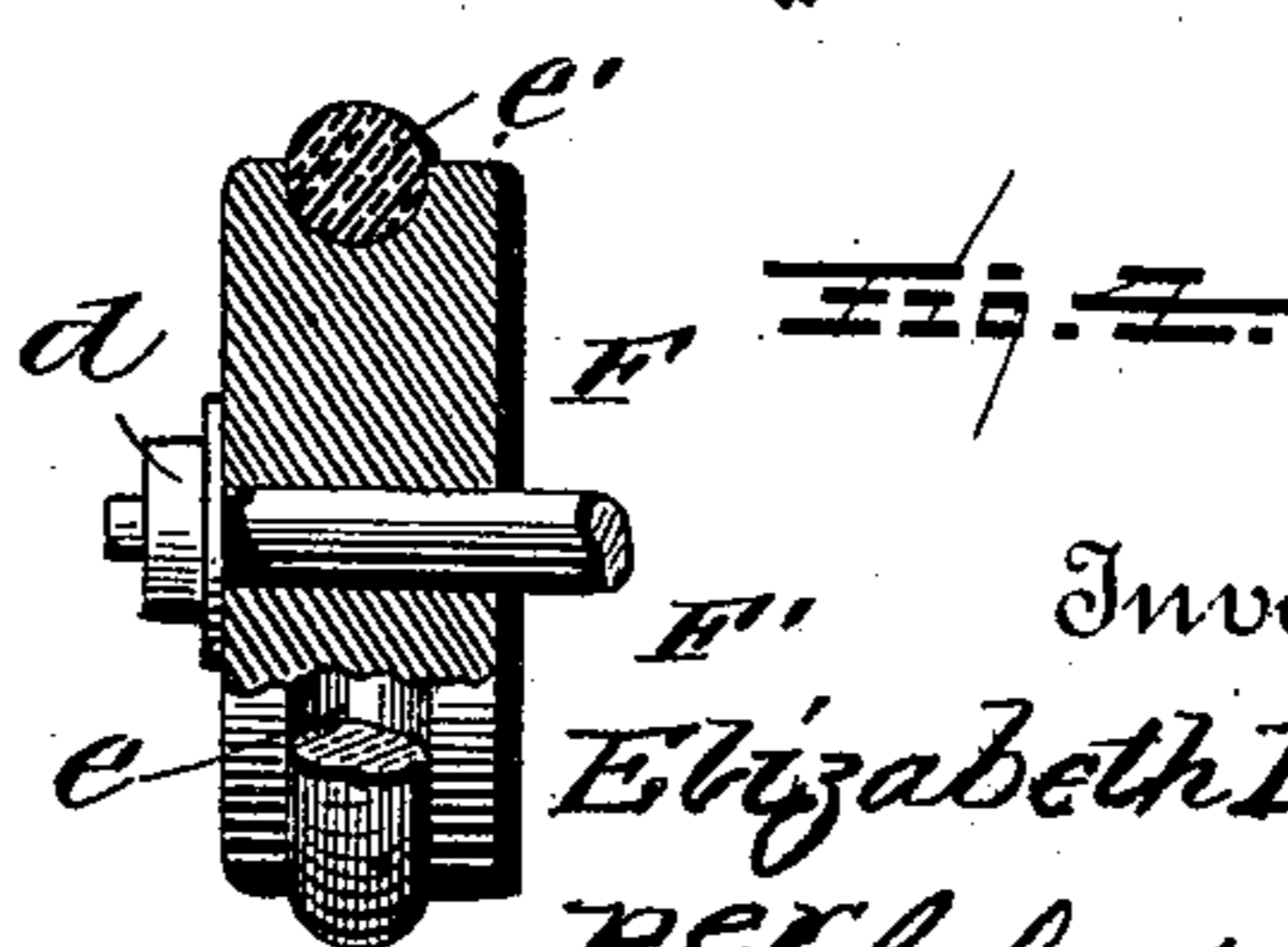
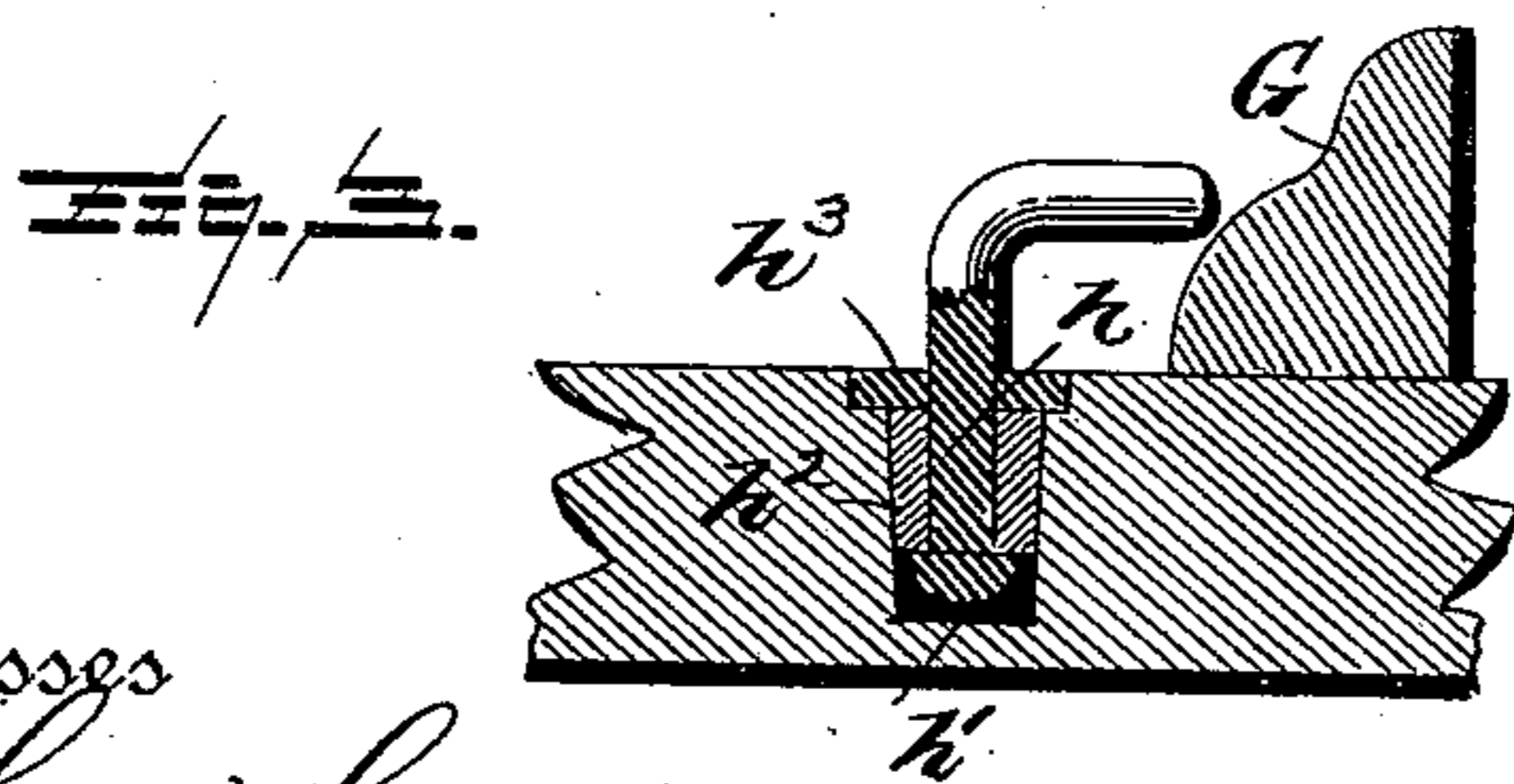
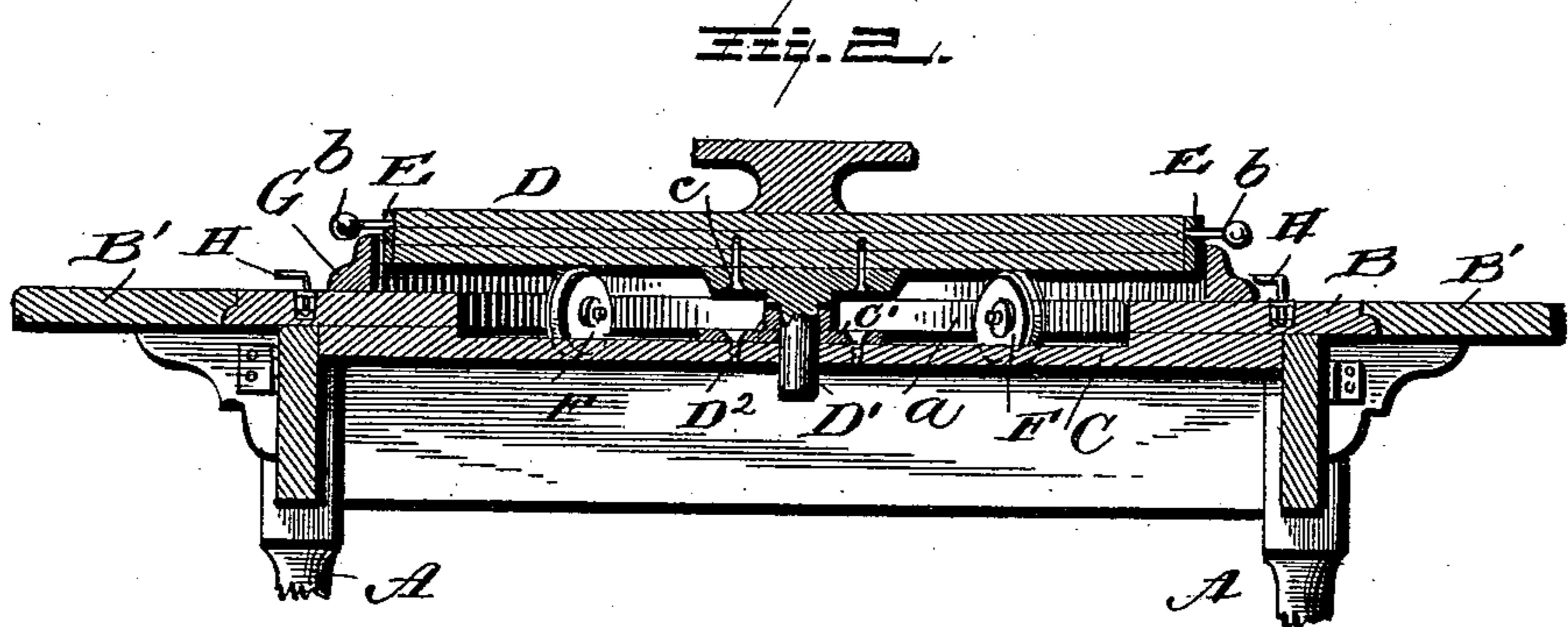
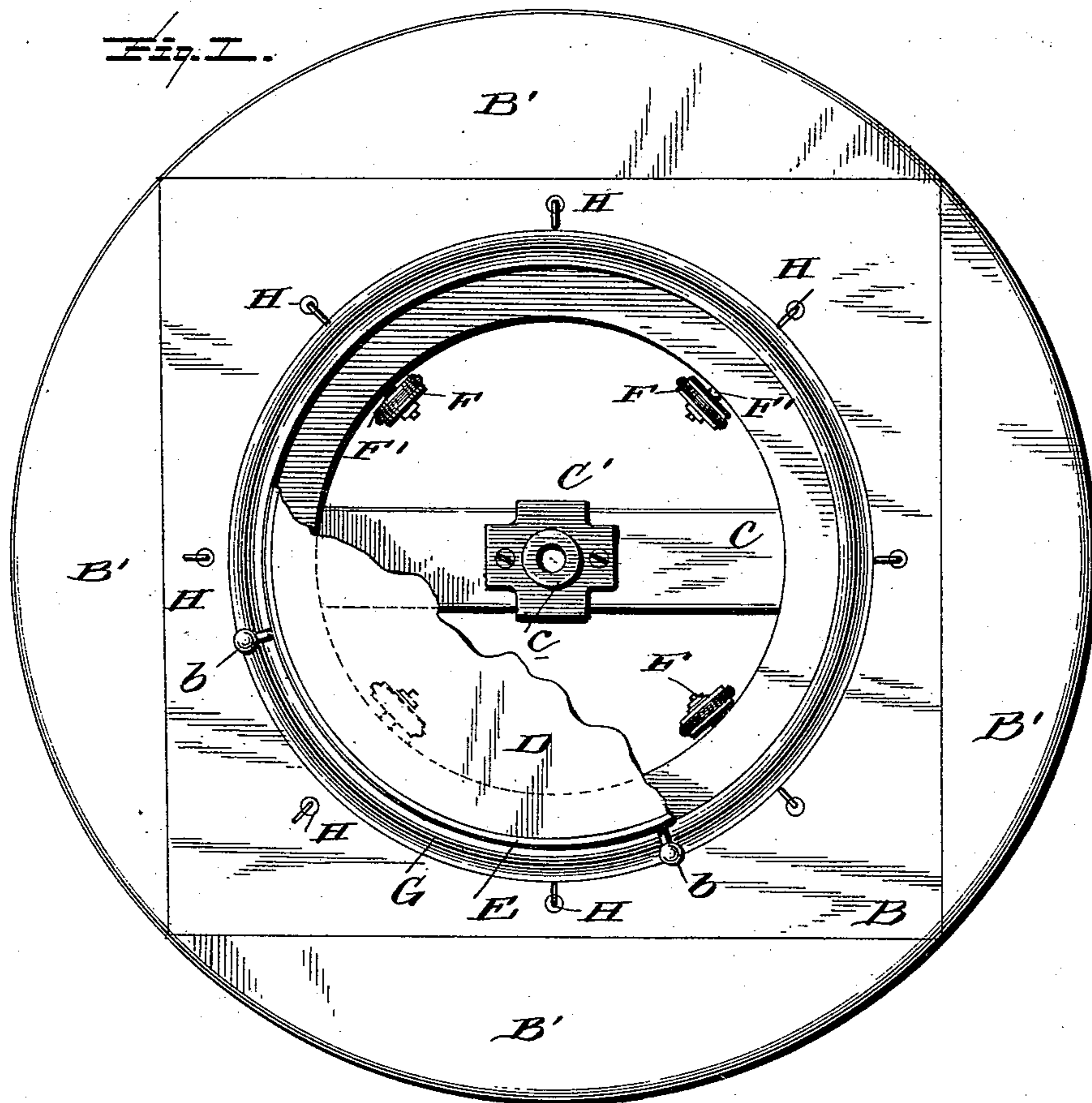


(No Model.)

E. E. HOWELL.
SELF WAITING TABLE.

No. 464,073.

Patented Dec. 1, 1891.



Witnesses
L. C. Mills.
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UNITED STATES PATENT OFFICE.

ELIZABETH E. HOWELL, OF MARYVILLE, MISSOURI.

SELF-WAITING TABLE.

SPECIFICATION forming part of Letters Patent No. 464,073, dated December 1, 1891.

Application filed September 14, 1891. Serial No. 405,676. (No model.)

To all whom it may concern:

Be it known that I, ELIZABETH E. HOWELL, a citizen of the United States, residing at Maryville, in the county of Nodaway and State of Missouri, have invented certain new and useful Improvements in Self-Waiting Tables; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

This invention relates to certain new and useful improvements in self-waiting tables of that class in which the movable portion is supported upon rollers and mounted on a central pivot; and it has for its objects among others to provide an improved table of this character in which provision is made for preventing crumbs or dishes or other articles from getting between the table proper and the revolving part, the said provision adding also to the neat and tasteful appearance of the table.

It has for a further object to provide for the holding of the table-cloth around the molding inclosing or encircling the revolving part. I provide the rollers with a rubber band, so as to render the device noiseless. I form the revolving part of two or more thicknesses of material, with the grain thereof arranged differently and encircling the whole with a metallic band. This band and the molding may be as ornamental as desired. It may be nickel-plated, if desired. The pins which are designed to hold the table-cloth are mounted in the table-top in a novel manner, so as to firmly hold therein.

The device as a whole is neat, complete, and serviceable and durable.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a top plan of my improved table, with portions broken away. Fig. 2 is a central vertical section through the same. Fig. 3 is an enlarged sectional detail showing the manner of mounting the cloth-holding hook

in the table-top. Fig. 4 is an enlarged view, partly in edge view and partly in section, of one of the rollers.

Like letters of reference indicate like parts throughout the several views in which they occur.

Referring now to the details of the drawings by letter, A designates the legs and B the top of a table, which may be square, round, or any other desired shape, and if square it may be provided with hinged leaves B', as seen in Figs. 1 and 2, which may be hinged thereto in any well-known way. The center of the table-top is provided with a circular depression or opening *a*, diametrically across the bottom of which is a bar C, secured to the table in any well-known way, and provided with a plate or casting C', having boss *c*, and opening for the pivot of the revolving part, hereinafter described.

D is the revolving part. It is circular in outline and is mounted upon a central pivot D', which is carried by the plate D², secured to the under side of the revolving part, the pivot being fitted into the boss *c* of the plate or casting C', as seen in Fig. 2. This revolving part is formed of two or more thicknesses of material, as wood, with the grain thereof arranged crosswise or in other position and bound by the band E, which may be as ornamental as desired, and secured thereto in any suitable manner. It may be provided with knobs *b*, as shown to aid in the turning of the revolving part when necessary. The revolving part is designed to revolve on rollers F, which are carried by suitable pintles or shafts F', mounted horizontally in the table-top around the opening therein, the outer ends of the shafts being provided with adjusting-nuts *d*, by which wear may be compensated for. These rollers each have a peripheral groove *e*, in which is fitted a rubber ring or band *e'*, as seen best in Fig. 4, to render the same noiseless in the movement of the parts.

G is a molding surrounding the opening in the table-top, being arranged at a distance from the opening and concentric therewith, as seen in Figs. 1 and 2, and this molding may be of wood as ornamental as desired, or it may be of metal nickel-plated, or any other preferred material and style. It serves three purposes—to give a neat finish to the table,

covering, as it does, the working parts; it prevents crumbs or dishes or other articles from getting beneath the revolving part and interfering with its rotation, or between the said molding and the revolving part, and it serves, in conjunction with the cloth-holding hooks, to hold the table-cloth in place. It is so arranged relatively to the revolving part as to permit of the ready revolution of the latter and still leave no perceptible opening therebetween. It is tapered, as shown in Fig. 2, being wider at its base.

It are the cloth-holding hooks. They are swiveled in the table-top and arranged around the molding concentric therewith, being so held in the table-top as to permit their being turned up to receive or permit of the removal of the cloth and yet hold them in any position in which they may be turned. For instance, as seen best in Fig. 3, h is the stem or shank of the hook. It is provided with a head h' , which enters a socket in the table-top, and around this shank is a tapered thimble h^2 , and above that a washer or plate h^3 , which fits in a depression in the table top, so that its upper face is flush with the upper face of the table, as seen in Fig 3, thus increasing the frictional contact-surface, so as to hold the hook in its adjusted position. The hooks are so arranged that they do not inter-

fere with anything placed on the table-top, the tapered part of the molding allowing them to be placed close to said molding and permitting of ready attachment or removal of the cloth, as will be readily understood from Fig. 2.

What I claim as new is—

1. A self-waiting table consisting of a table-top provided with central circular opening, rollers around said opening and provided with rubber peripheries, a revolving part mounted on a central pivot and supported on said rollers, a molding surrounding the opening and revolving part, and swiveled cloth-holding hooks in proximity to the molding, substantially as shown and described.

2. The combination, with the table-top provided with socket, of a conical thimble in said socket, a hook having a shank provided with a head and having the thimble sleeved on the shank, and a washer seated in a recess in the upper face of the table around the said shank, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ELIZABETH E. HOWELL.

Witnesses:

R. R. SOWERS,
JOHN S. SCHENCK.