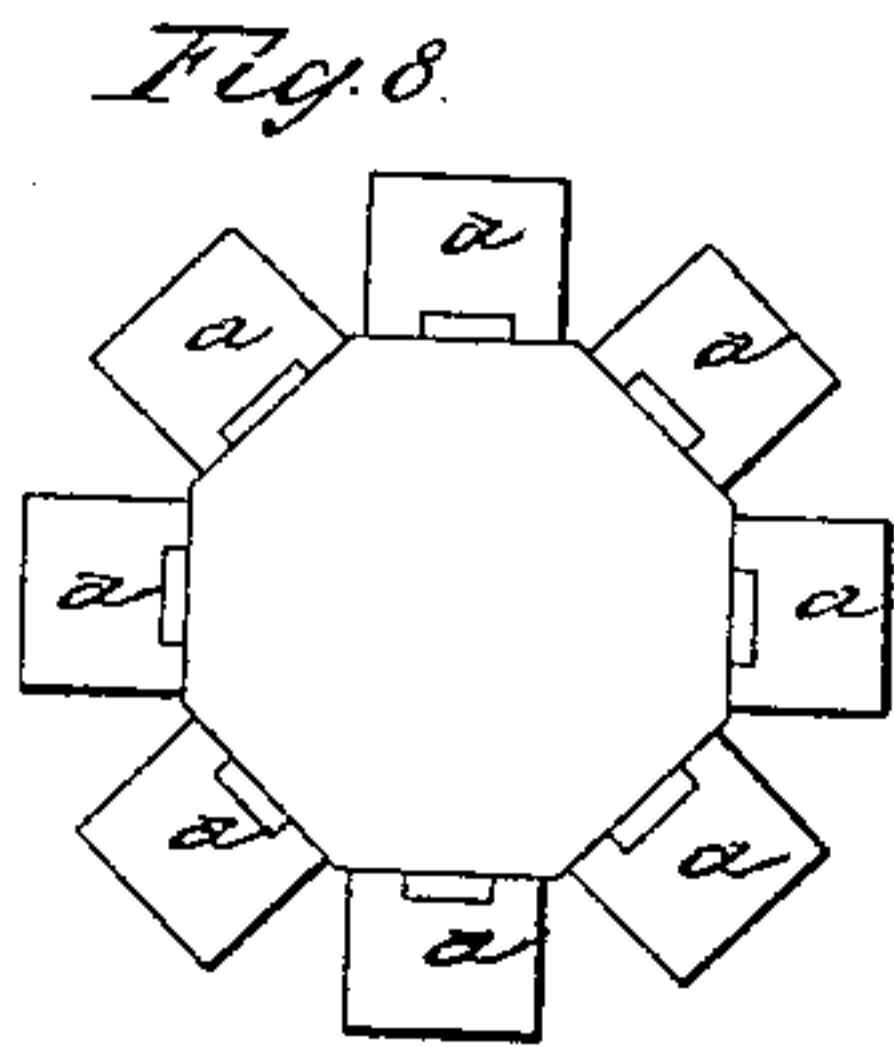
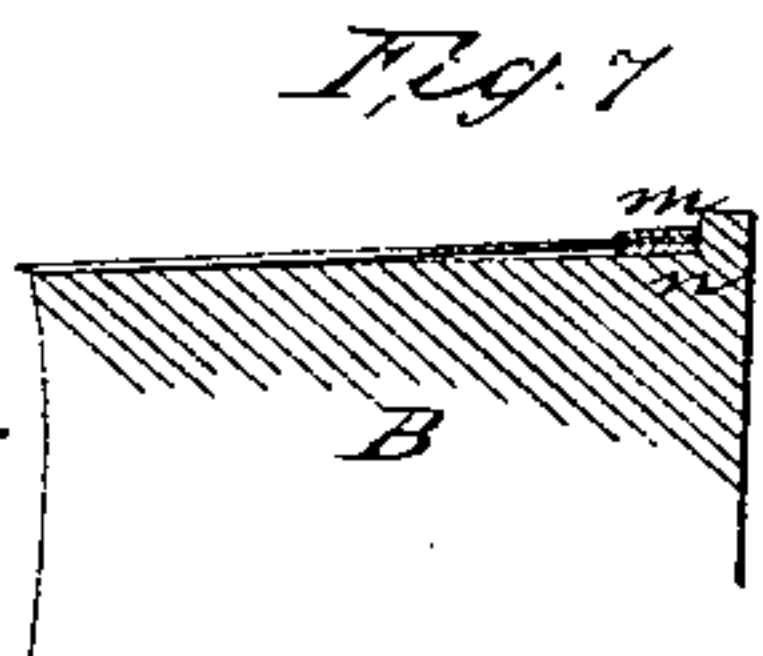
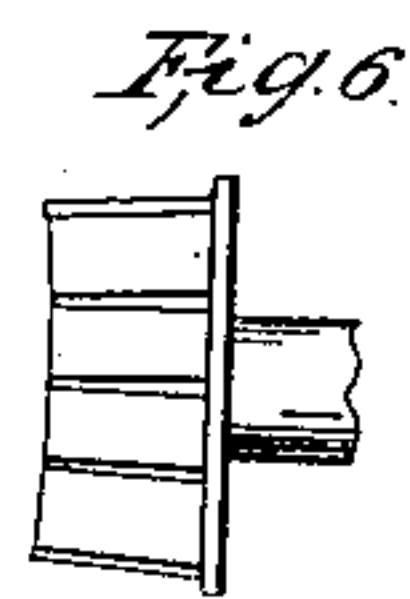
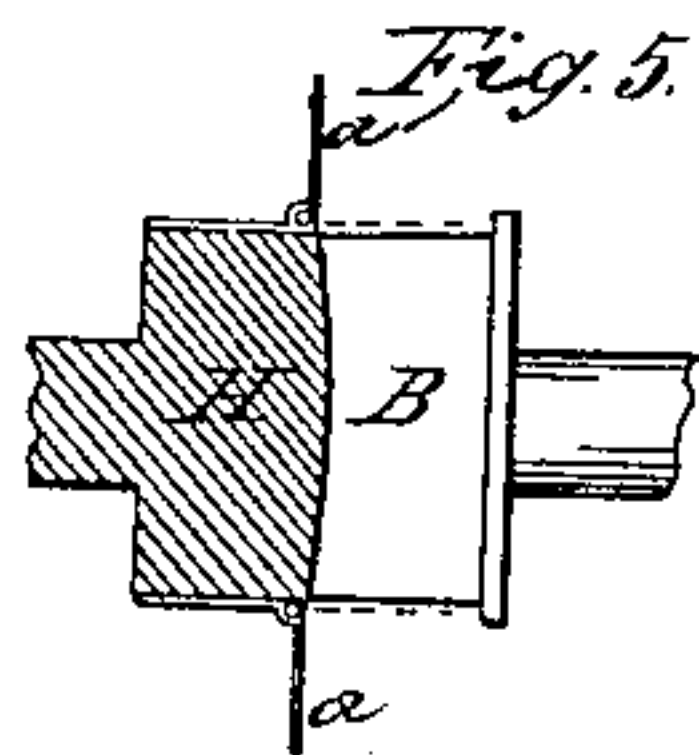
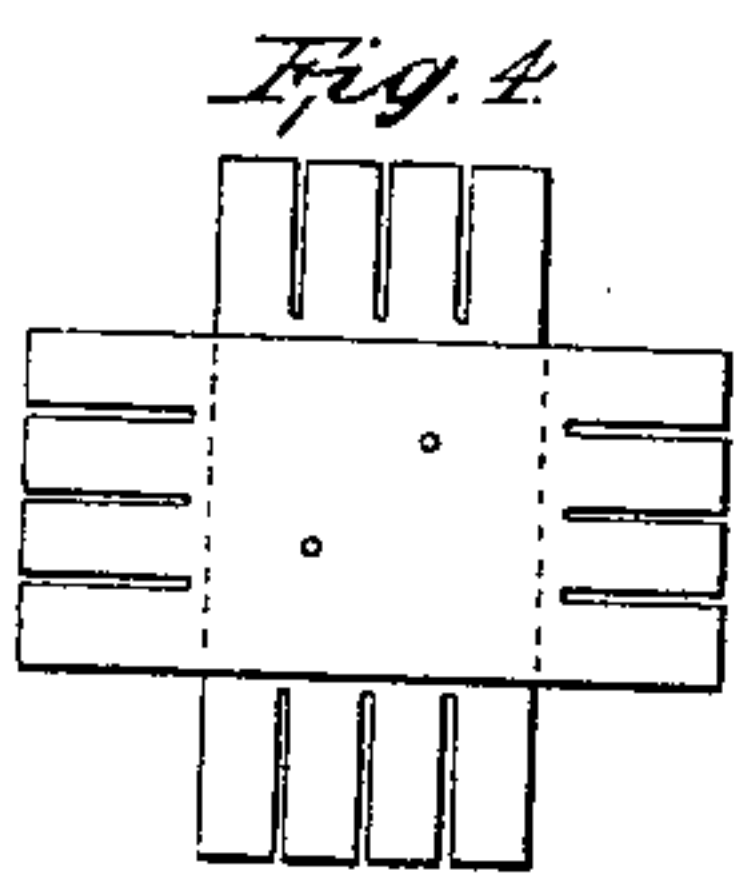
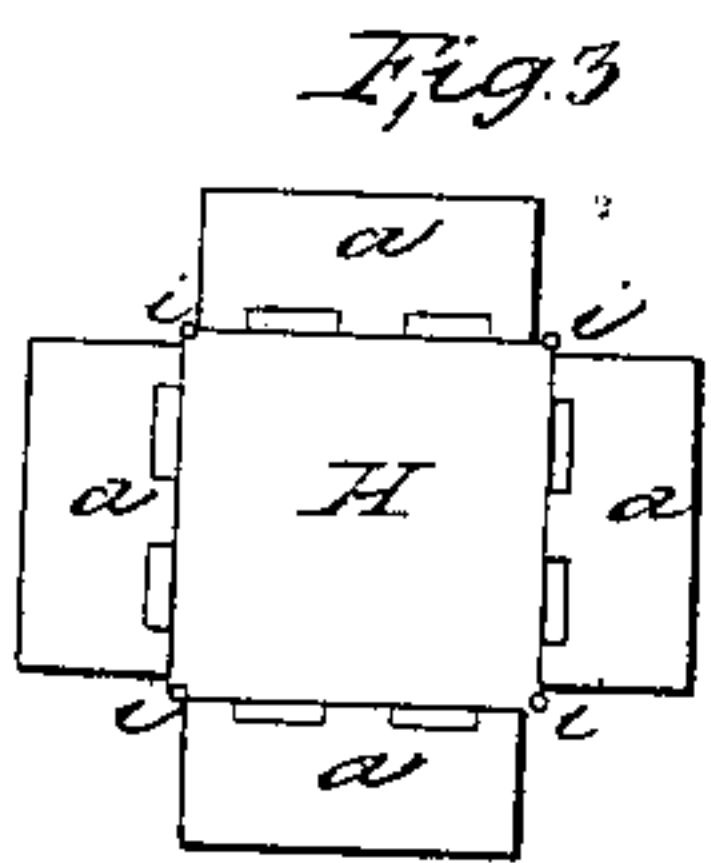
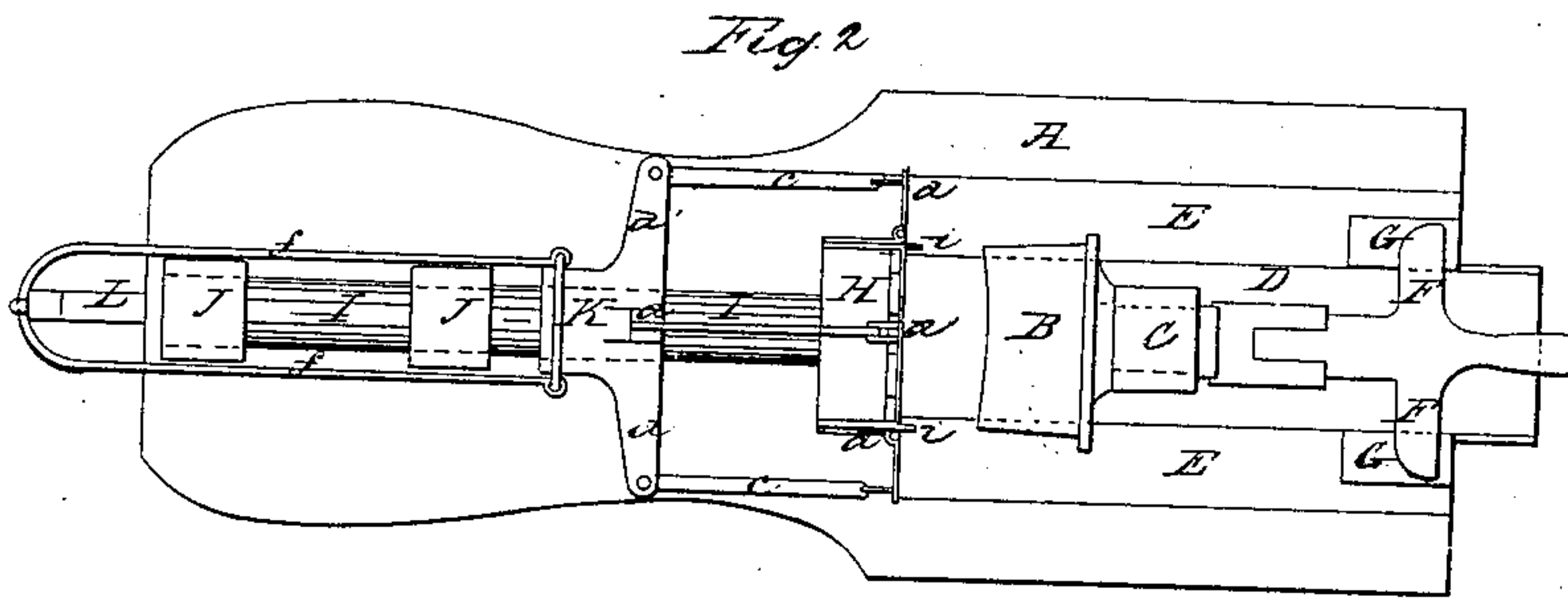
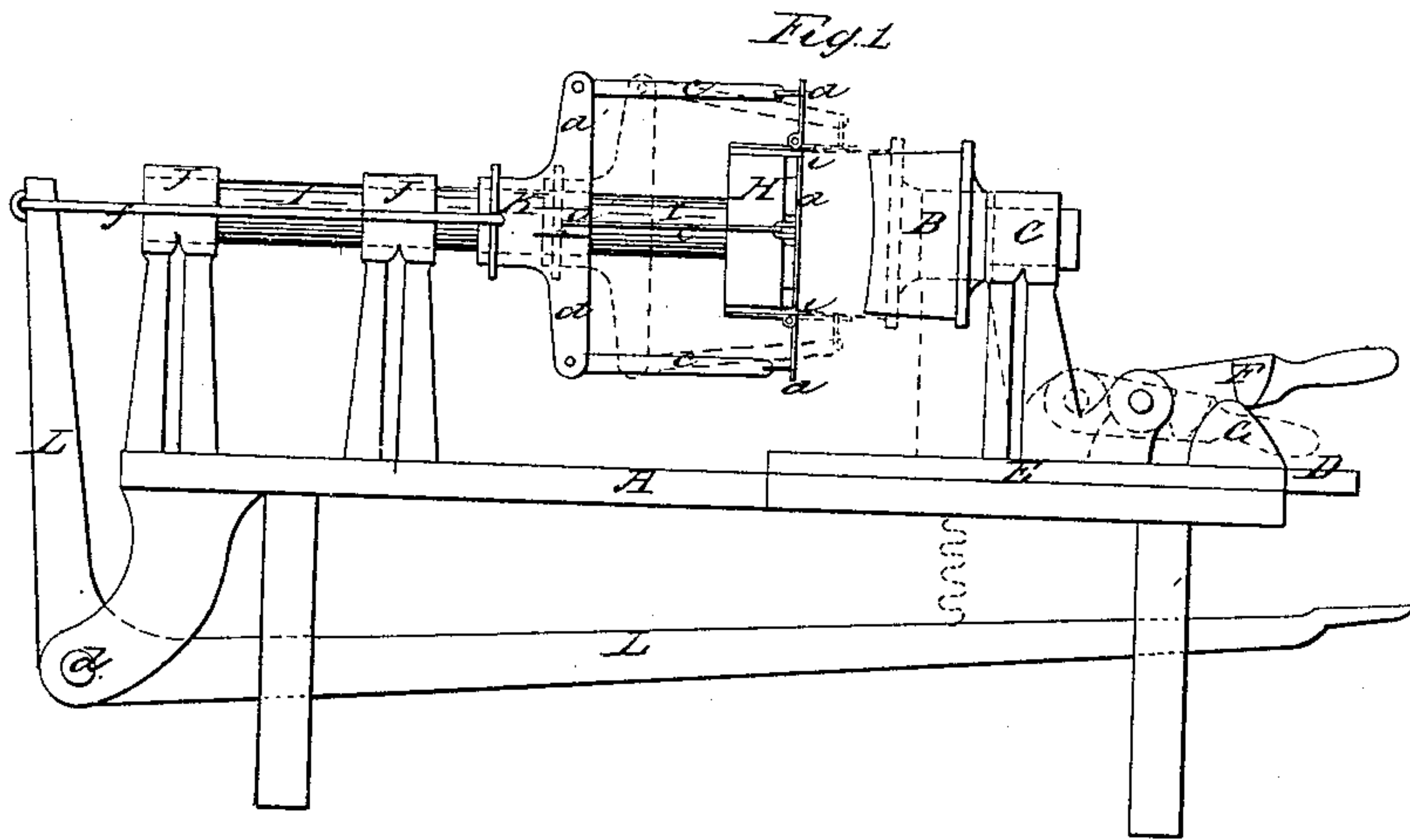


E. A. JEFFREY.
MACHINE FOR MAKING BASKETS.

No. 48,869.

Patented July 18, 1865.



Witnesses:

John E. Case
Rufus H. Sanford

Inventor:

Edwin A. Jeffery.

UNITED STATES PATENT OFFICE.

EDWIN A. JEFFERY, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO AMERICAN BASKET COMPANY, OF SAME PLACE.

IMPROVEMENT IN MACHINES FOR FORMING BASKETS.

Specification forming part of Letters Patent No. 48,869, dated July 18, 1865.

To all whom it may concern:

Be it known that I, EDWIN A. JEFFERY, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Machines for Making Baskets; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view; Fig. 2, a top view; Figs. 3, 4, 5, 6, and 7, the construction of a basket by my machine, and in Fig. 8 for other forms of baskets.

Similar letters and characters indicate corresponding parts.

My invention relates to improvements in machines for forming baskets, and though adapted to the manufacture of various kinds of baskets is more particularly designed for forming fruit-baskets similar to that patented by Jessie K. Park, May 1, 1860.

To enable others skilled in the art to construct and use my machine, I will proceed to fully describe the same as illustrated in the accompanying drawings.

A is the bed-plate upon which the operative mechanism is placed.

B is the former, hung so as to revolve in a bearing, C. The said bearing C fixed upon a slide, D, moving longitudinally on the bed-plate in proper guides E, is moved from the position in black to the position in blue, Fig. 1, and thus secured by means of the clamp F locking over lugs G, as denoted in blue, Fig. 1.

H is a head fixed to or made part of a shaft, I, and hung so as to revolve in bearings J. To the several sides of the said head H are attached folders *a a*, hinged so as to fold from the position in black to that denoted in red, Fig. 5.

K is a yoke, fitted so as to slide on the shaft I, with arms *a'* corresponding to the folders on the head H, to which the said arms are connected by rods *c c*.

L is a lever, having its fulcrum at *d*, extending beneath the machine to the front, where it terminates, so as to be operated by the work-

man employed on this machine, its other arm extending up and connecting with the yoke by means of rods *f f*, so that when the lever is pressed down by the workman it will force the yoke forward, as denoted in red, Fig. 1, to turn down the folders. This completes the construction of my machine.

The machine illustrated is designed to form a square basket composed of two laminæ of wood, crossed and slit at their ends, as seen in Fig. 4. The two laminæ are first formed and tacked together, then placed before the head H and folders *a*, pins *i* placed at each angle serving as guides. Then force the former B against and clamp the two crossed laminæ between the head H and former B, as denoted in Fig. 5.

It is desirable that the basket should be flaring, or larger at the top than at the bottom. The former is made accordingly, and in order to spread the slits to so make the basket, as seen in Fig. 6, the face of the former is made concave and the head H convex, as seen in Figs. 1 and 5, which curves the angles of the sides when folded down, so that they will spread, as seen in Fig. 6.

To make a basket, place the two crossed laminæ in the machine, as seen in Fig. 5. Place a band of wood, *n*, or other material, around the former, as seen in section, Fig. 7. Tack the two ends of the said band together. Then fold the sides down, as before described, and denoted in Fig. 7. Then place a band, *m*, similar to the first, around over the ends of the wood, securing it properly to hold the basket in form; and to secure the outer and inner hoop, for convenience of securing upon all sides, the head and former are made so as to be revolved together at the pleasure of the operator.

I have thus far described my machine as constructed for forming basket of four sides; but more sides, even to a round basket, may be formed by constructing the former accordingly and employing more folders, as seen in Fig. 8; also, the shape of the bottom and form of the basket may be changed, requiring only that the former and head, with the folders, be constructed accordingly.

Having therefore fully described my inven-

tion, what I claim as new and useful, and desire to secure by Letters Patent, is—

1. The combination of a former, B, with a head, H, and folders *a a*, constructed to operate substantially in the manner and for the purpose specified.

2. Closing or folding the sides of the basket

by means of the folders *a a*, substantially as specified.

EDWIN A. JEFFERY.

Witnesses:

JOHN E. EARLE,
RUFUS H. SANFORD.