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J. H. JANSSEN.

HOLDER FOR COFFEE BOTTLES AND THE LIKE.

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Fig. 3.

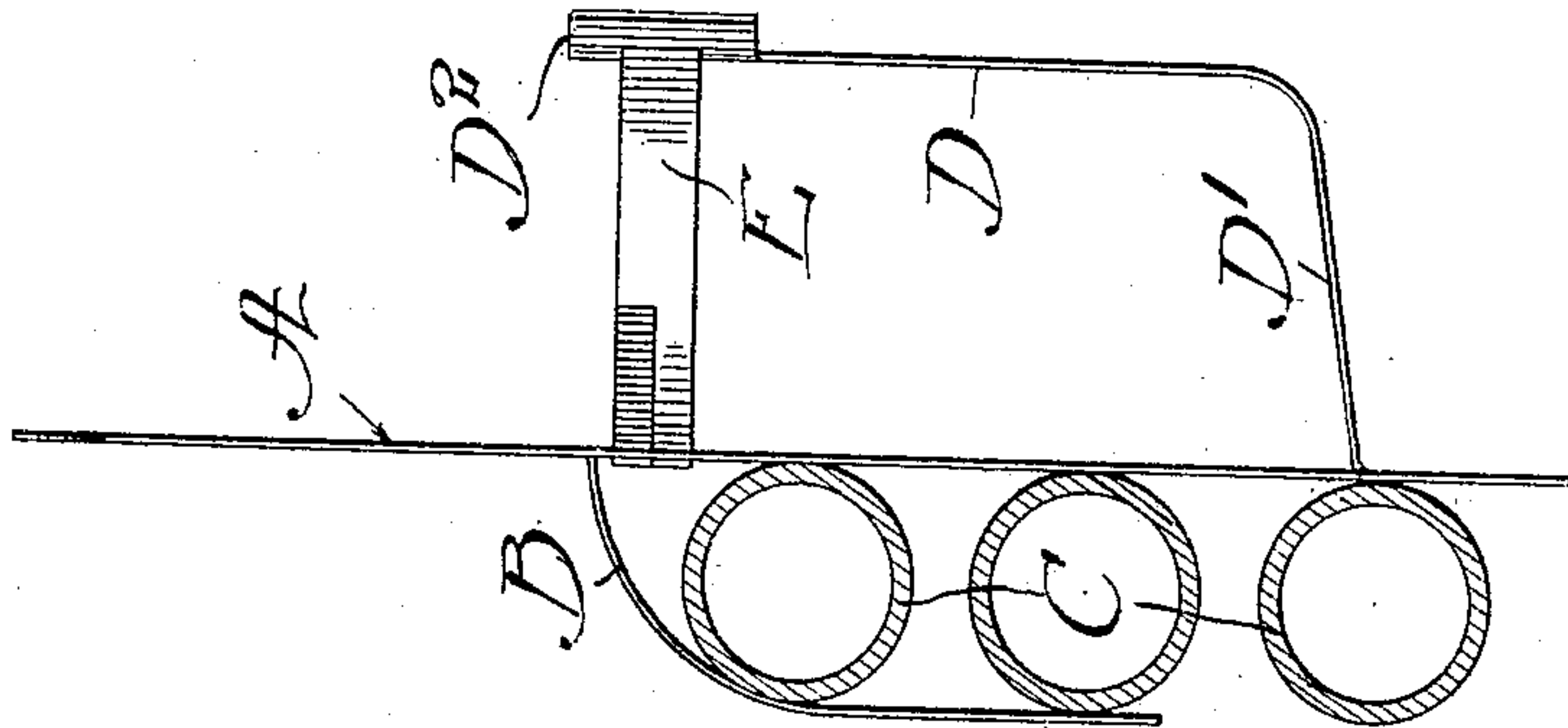


Fig. 1.

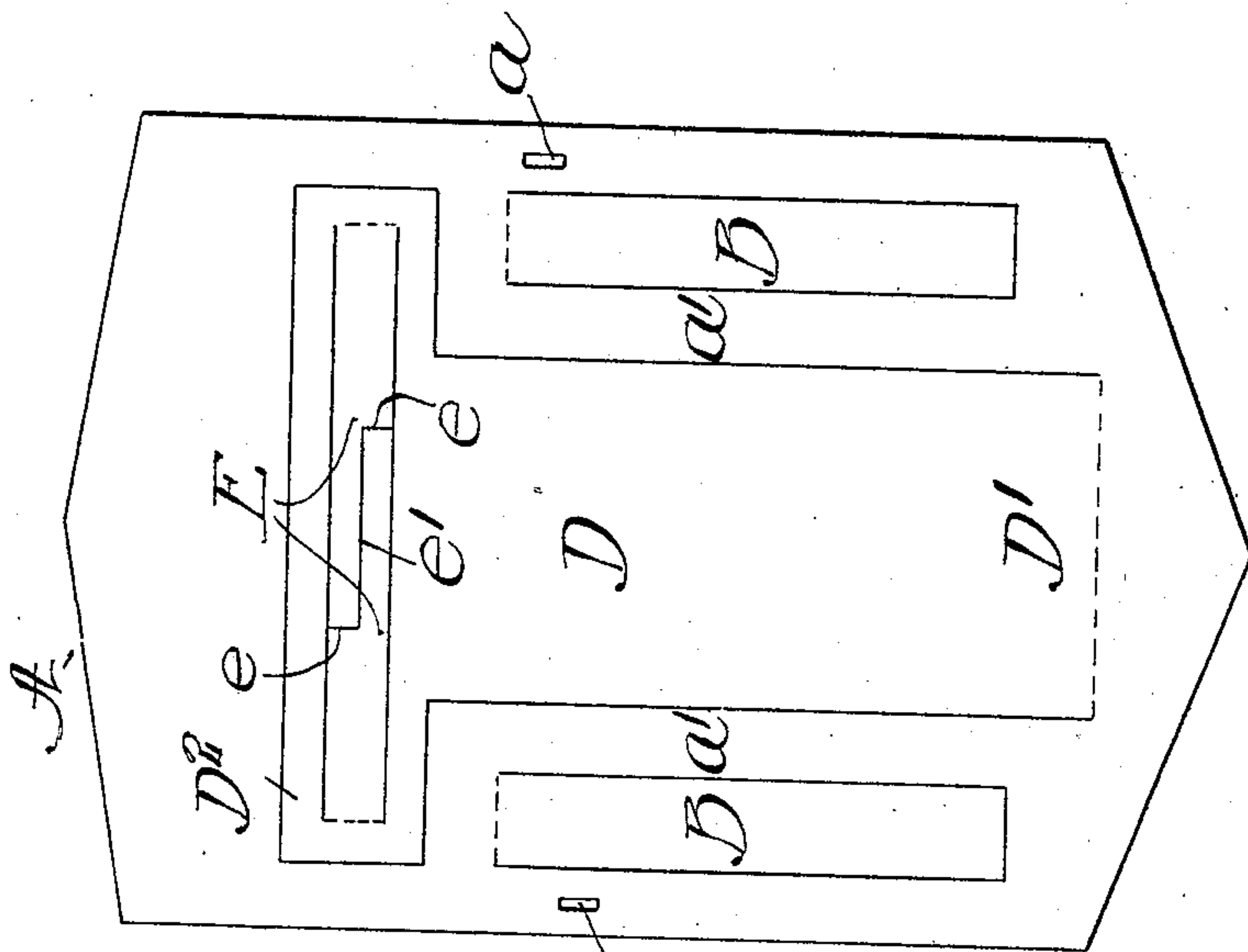
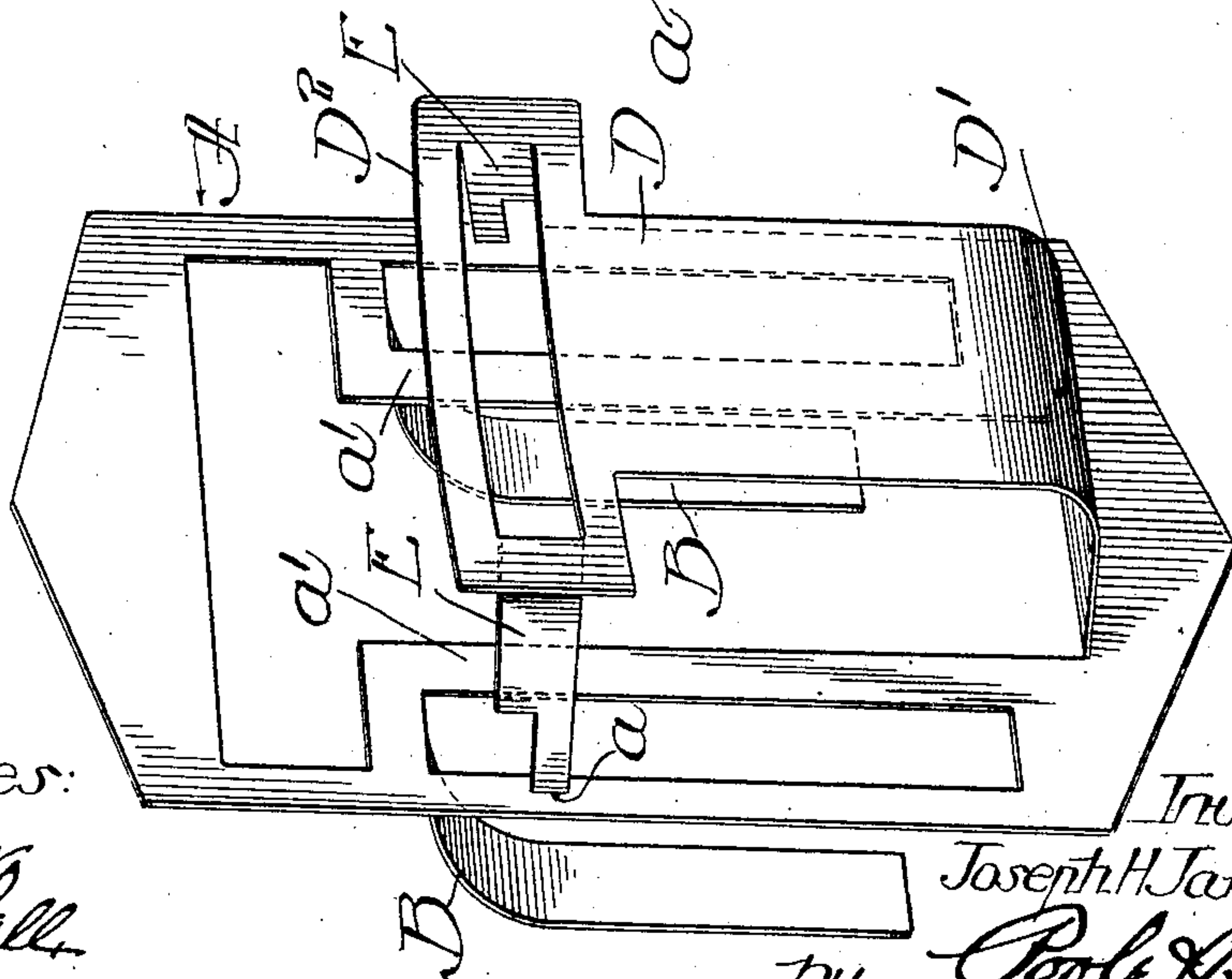


Fig. 2.



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UNITED STATES PATENT OFFICE.

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HOLDER FOR COFFEE-BOTTLES AND THE LIKE.

No. 865,644.

Specification of Letters Patent.

Patented Sept. 10, 1907.

Application filed January 31, 1907. Serial No. 355,109.

To all whom it may concern:

Be it known that I, JOSEPH H. JANSSEN, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Holders for Coffee-Bottles and the Like; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to a novel device in the nature of a holder for holding or supporting a liquid receptacle, such as a coffee can or bottle, in close proximity to a heating device, as a radiating coil, for the purpose of heating the liquid contents thereof.

The device has been more especially designed for use by workmen in shops and factories who make it a practice to carry lunch to their places of work, for heating articles of food, and especially coffee contained in a bottle or can.

The object of the invention is to provide a device of this character which can be made at small cost and which is so constructed that it may be attached to or suspended from a heating coil or pipe in such position that the heat of the pipe is readily conducted to the bottle or can supported thereby to heat the contents thereof.

The invention consists in the matters hereinafter set forth and more particularly pointed out in the appended claims.

In the drawings:—Figure 1 is a plan view of a sheet metal blank from which an approved form of my holder is made, showing the same cut and ready to fold for use. Fig. 2 is a perspective view of the holder in its set-up form and ready for use. Fig. 3 is a side view thereof, illustrating the manner of supporting the same on a steam radiator coil.

The form of device herein shown is adapted to be made from a single piece of sheet metal of suitable size, the parts which make up the holder pocket and the attaching or supporting devices being cut from the sheet metal and afterwards bent or folded away from the plane of the blank into proper relation to each other and the blank.

As shown in the drawings, A designates what may be termed the body of the device, and B B supporting hooks which are cut from said body and are folded rearwardly and downwardly therefrom and are adapted to be hooked over the pipes C of a coil radiator or like heating device to support the holder in heat-conducting proximity thereto. The holder includes also a pocket located in front of the body and formed from the parts that are cut from the blank and are folded outwardly therefrom. The body of the holder or that which remains in the original plane of the blank con-

stitutes the back wall of the pocket which receives the bottle or the like to be heated. The front wall comprises a vertical member D arranged at a distance in front and the side walls of the pocket comprise arms E that are folded rearwardly from the upper end of the front wall D and are connected with the body A near the sides thereof. The bottom of the pocket comprises a generally horizontal member D¹ that connects the lower end of the front wall with the body. The said front and bottom walls of the body are cut as a single strip from the body, as shown in Fig. 1, and are thereafter folded outwardly from the body to constitute the two walls of the pocket. The front wall D of the holder is widened at its upper end to constitute a head D² that extends beyond the side margins of said front wall, and the material constituting the arms E is cut from and folded backwardly from said head. The said arms are fastened to the body by extending the rear ends thereof through suitably located openings *a a* at the sides of the body A and said extended ends are clenched or otherwise suitably fastened to said body. The side arms E cut from the upper widened end or head of said front wall are each made of a length somewhat greater than half the length of the head, being for this purpose severed from each other at their inner ends along a line extending at least partially longitudinally of the head. Such line of severance comprises, in the present instance, two transverse lines of severance *c c* extending inwardly from the lines of severance that divide the arms from said head D² and a longitudinal line of severance *c'* connecting said transverse lines. In the manner described arms of appropriate length are cut from the said upper end or head of the front wall of the pocket. The supporting hooks B are cut away from the body of the blank at a distance laterally outside of the strip constituting the front and bottom walls of the holder pocket, thereby leaving the vertical members *a'* *a'* in the plane of the body which constitute the effective parts of the rear wall of the pocket.

In the practical manufacture and sale of devices of this character, the blanks are merely cut or severed along the proper lines to produce the parts described or desired and remain flat or unfolded until ready for use by the purchaser. The device is made of relatively light and readily folded material and may be set up to constitute the holder by hand and without use of tools or formers.

It is obvious that the structural details of the device may be varied from that shown, while retaining the essence of the invention and that it may be made from material other than sheet metal. The making of the device from sheet metal in the manner herein shown presents practical advantages relative to economy in manufacture, the small space required for storage and

shipment, and the ease with which the device may be set up for use. It will be observed that the device, being made of a single piece of sheet material, contains no soldered or hinged joints which require care in their manufacture and involve expense.

I claim as my invention:—

1. A device for the purpose set forth, comprising a vertical body portion, an upwardly opening pocket supported at the front thereof, said pocket comprising a front wall generally parallel with said body portion, a bottom wall joining said front wall with the body portion, and arms extending rearwardly from the upper end of said front wall and connected with said body, and a supporting hook or arm extending rearwardly from said body portion.
2. A device for the purpose set forth, comprising a sheet metal body portion, integral supporting hooks or arms cut from said body portion and folded rearwardly and downwardly therefrom, a strip of metal cut from the central portion of the body and folded forwardly to constitute the bottom of the pocket and upwardly to constitute the front wall of the pocket, and arms constituting

the sides of the pocket which are integral with the upper end of the front wall and extend rearwardly therefrom and are connected with said body.

3. A device for the purpose set forth, comprising a sheet metal body, integral supporting arms bent rearwardly therefrom, a strip of metal cut from the central portion of said body and formed at its end to constitute a head of greater transverse length than the width of said strip, said strip being folded forwardly from the body to constitute the bottom of the pocket and upwardly to constitute the front wall of the pocket, and arms cut from said transverse head and folded rearwardly and connected with the said body at the sides thereof to constitute the sides of the pocket.

In testimony, that I claim the foregoing as my invention I affix my signature in the presence of two witnesses, this 28th day of January A. D. 1907.

JOSEPH H. JANSSEN.

Witnesses:

WILLIAM L. HALL,
GEORGE R. WILKINS.