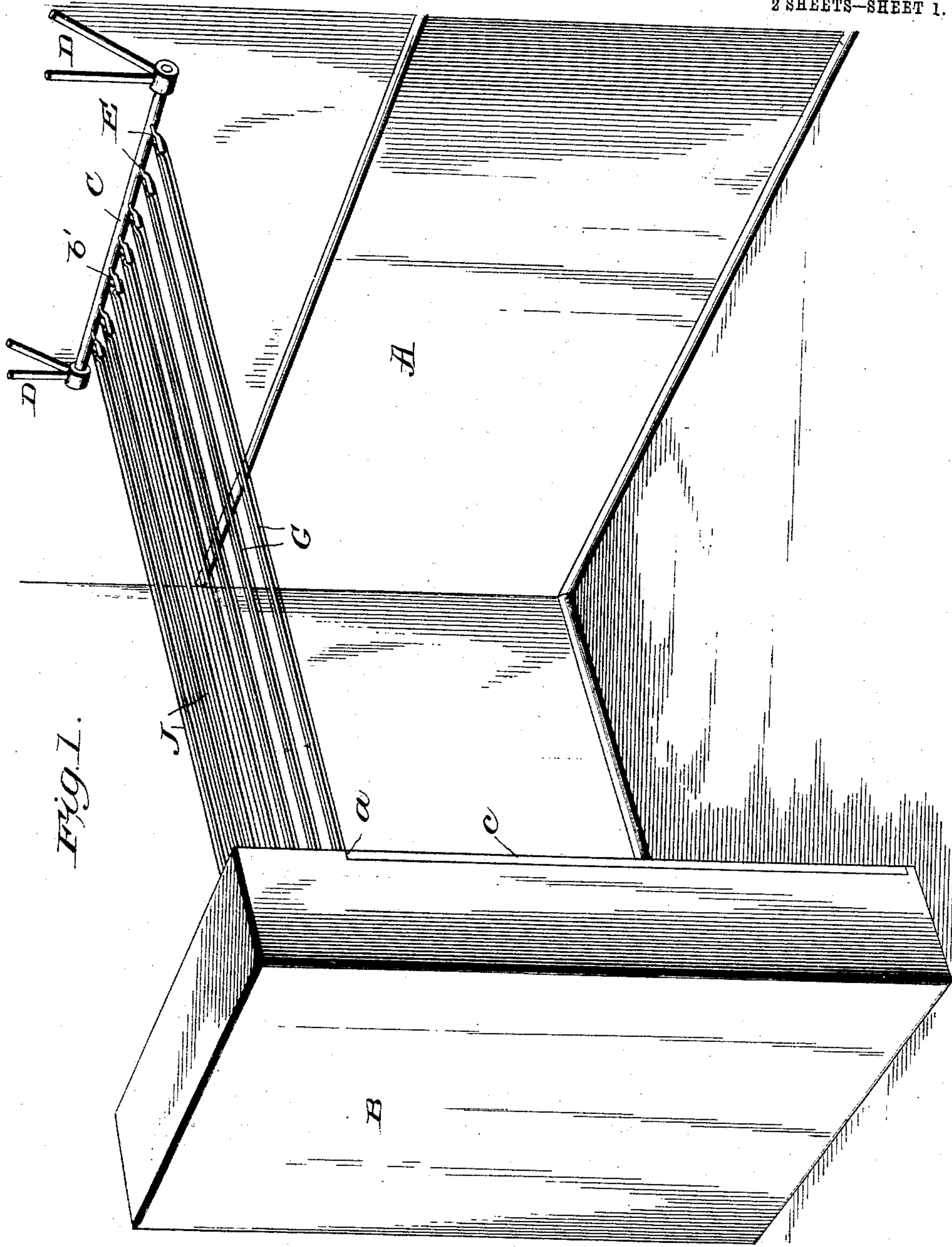


J. H. WAGGETT.
DISPLAY APPARATUS.
APPLICATION FILED JULY 6, 1908.

915,392.

Patented Mar. 16, 1909.

2 SHEETS—SHEET 1.



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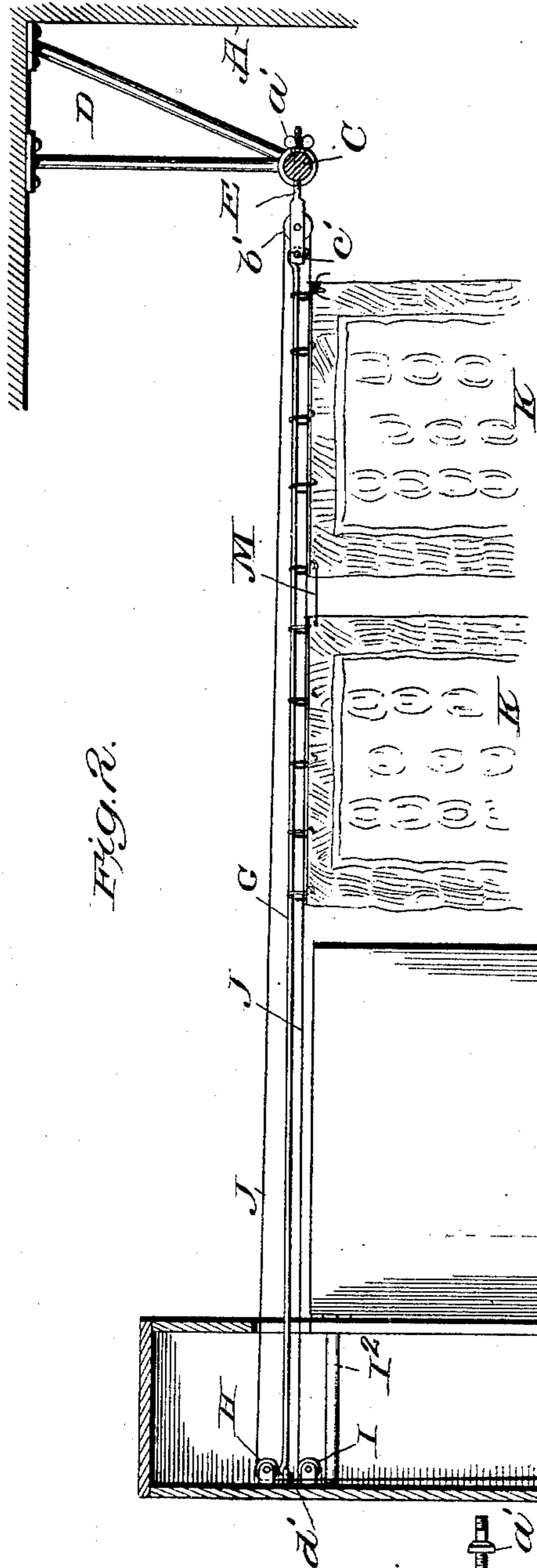
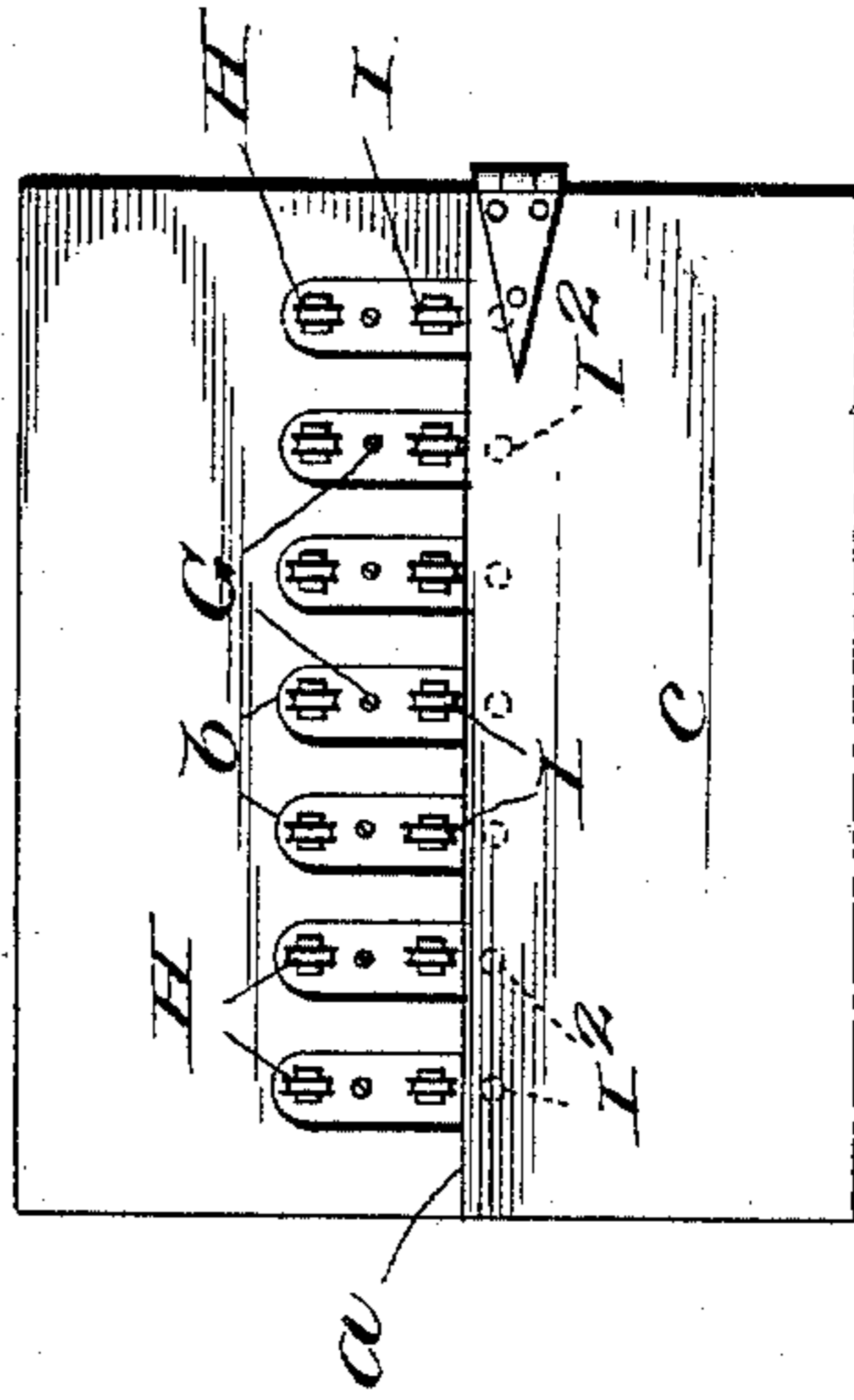


Fig. 2.

Fig. 3.



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Fig. 4.



Fig. 5.



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UNITED STATES PATENT OFFICE.

JOHN HENRY WAGGETT, OF LA SALLE, ILLINOIS.

DISPLAY APPARATUS.

No. 915,392.

Specification of Letters Patent.

Patented March 16, 1909.

Application filed July 6, 1908. Serial No. 442,121.

To all whom it may concern:

Be it known that I, JOHN H. WAGGETT, citizen of the United States, residing at La Salle, in the county of Lasalle and State of Illinois, have invented new and useful Improvements in Display Apparatus, of which the following is a specification.

My invention has to do with the display of lace curtains and analogous articles to prospective purchasers; and it has for its object to provide an apparatus embodying such a construction that lace curtains and similar articles may be incased and protected against dust and dirt and may be expeditiously and easily drawn out of the case and displayed to advantage and as readily put back into the case subsequent to the showing thereof.

With the foregoing in mind the nature of the invention and its novelty, utility and practical advantages will be fully understood from the following description and claims when the same are read in connection with the drawings, accompanying and forming part of this specification, in which:

Figure 1 is a perspective view of the apparatus constituting the best practical embodiment of my invention of which I am cognizant. Fig. 2 is a vertical section illustrating the manner in which a series of lace curtains is drawn out of the case of the apparatus and displayed to advantage. Fig. 3 is an elevation illustrating the upper portion of the case comprised in my improvements and also illustrating the door of the case in a closed position. Fig. 4 is an enlarged, detail plan of one of the bolts which carry pulleys and serve for the connection of the outer ends of the rods or wires of the apparatus. Fig. 5 is a side elevation of said bolt. Similar letters designate corresponding parts in all of the views of the drawings, referring to which:

A is a wall of an apartment, and B is the case comprised in my novel apparatus. The said case B comprises a body having a door opening *a* and also having seven (more or less) openings *b* arranged in horizontal series above the opening *a*, and a hinged or other suitable door *c* arranged in the position shown in Figs. 1 and 3 to close the opening *a*.

C is a rod arranged in the same horizontal

plane as the opening *b* of case B and connected through brackets D with the wall A and the ceiling of the apartment.

E E are seven (more or less) threaded bolts extending transversely through the rod C and each equipped with a nut *a'*, a pulley *b'* and a pin *c'*.

G G are seven (more or less) rods or taut wires extending between and connected to eyes *d'* on the back wall of the case B and the pins *c'* in bolts E, and also extending through the openings *b* in the front wall of the case.

H H are seven (more or less) pulley blocks connected to the back wall of case B and arranged above the eyes *d'* and rods G.

I I are seven (more or less) pulley blocks connected to the back wall of case B and arranged below the eyes *d'* and rods G.

I² is a roller of which there is one arranged below and adjacent to each rod G.

I³ is a lower roller of which there is one arranged below each roller I².

J J are seven (more or less) cables, and K K are curtains to be displayed. The pulleys *b'*, the pulley blocks H, the pulley blocks I, rollers I² and rollers I³, serve as guides for the cables J, and I would here have it distinctly understood that guides of other descriptions may be employed without involving departure from the scope of my invention as defined in the claims appended.

By reason of the arrangement of the pulley blocks H and I, relative to the rods G, it will be observed that each cable J has a portion disposed above one of the rods G and also has portions disposed below said rod.

My invention contemplates the arrangement of a plurality of lace curtains on each of the rods G after the manner shown in Fig. 2; the curtains being connected with the rods G through the medium of circular or other suitable hooks which straddle the rods and engage the curtains, and the curtains being connected together through the medium of interposed cords M as clearly shown in said figure. My invention also contemplates the employment of a cable J in combination with each rod G; the said cable being connected at one end to the forward portion of the foremost curtain on the rod, and being

carried around one pulley b' , then alongside the rod G and through an opening b in the forward wall of the case, then around the sheave in one pulley block H , then down at one side of one roller I^2 , then around the roller I^3 below said roller I^2 , then up at the opposite side of the roller I^2 , then around the sheave in the pulley block I below the mentioned block H , and then back through the said opening b , and being connected at its opposite end to the forward portion of the foremost curtain of the series on the rod. It will be noted in this connection that each pair of rollers I^2 and I^3 is arranged parallel to and in the same vertical plane as one of the rods G .

By reference to Fig. 2 it will be observed that the portions of the cables J between the rollers I^2 and I^3 are within convenient reach of a person standing upon the floor of the apartment and adjacent to the case B ; and it will also be observed that when the curtains are within the case B and a salesman desires to display a series of the curtains to a prospective purchaser, it is simply necessary for the salesman to move the portion of the cable marked x downward, when the curtains will be drawn one after the other out of the case B and along the rod G with which the curtains are connected, while when the salesman desires to replace the curtains in the case B so as to prevent the same from interfering with the exhibition of curtains on another rod G , the salesman has but to move the portion marked y of the cable downward when the curtains will be drawn back into the case. It will further be observed that by virtue of the ends of the cable J being connected to the forward portion of the foremost curtain of a series, the return of the curtains to the case will be attended by a bundling of the curtains—that is to say, the forward portion of the foremost curtain will first be moved backward with the result that all of the curtains of the series will be returned to the case B in a compact mass. This latter is advantageous inasmuch as it makes it unnecessary to employ a case of large capacity to receive the curtains and protect the same against dust and dirt. After all of the curtains are returned to the case B , the door of the case is closed, when, as will be readily understood, the liability of the curtains being deteriorated by the deposit of dust or dirt thereon is reduced to a minimum. It will be gathered from the foregoing that my novel apparatus is simple and inexpensive in construction and is adapted to be expeditiously and easily installed in a store-room or other apartment; and it will also be gathered that but little effort is required to operate the apparatus, and that the apparatus renders it feasible to incase the curtains and to quickly and easily display the same to a prospective purchaser.

As before stated the construction herein illustrated and described constitutes the best practical embodiment of my invention known to me, but I would have it understood that in the future practice of the invention such changes in the form, construction, and relative arrangement of parts may be made as fairly fall within the scope of my invention as defined in the claims appended.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:

1. In an apparatus for the purpose described, the combination of a case having a door opening and a door for controlling said opening and also having a series of comparatively small openings arranged above and communicating with the door opening, rods extending through the comparatively small openings and into the case and supported by the case, a suitably supported rod connected to the opposite ends of the first mentioned rods and disposed at an angle thereto, guides carried by said angularly disposed rod, upper series of guides located in the case, a lower series of guides also located in the case, means movable on the rods and adapted to connect lace curtains or analogous articles therewith, and cables having depending loops disposed in the case and receiving the lower guides therein; the said cables being passed around the upper guides and through the comparatively small openings of the case and being also passed around the guides on the angularly disposed rod and arranged when moved in one direction to draw the lace curtains or other articles out of the case and when moved in the opposite direction to put the lace curtains or other articles back into the case.

2. In an apparatus for the purpose described, the combination of a case having a door opening and a door for controlling said opening and also having a series of comparatively small openings arranged above and communicating with the door opening, rods extending through the comparatively small openings and into the case and supported by the case, a suitably supported rod connected to the opposite ends of the first mentioned rods and disposed at an angle thereto, guides carried by said angularly disposed rod, guides located in the case, means movable on the rods and adapted to connect lace curtains or analogous articles therewith, and cables passed around the guides and through the comparatively small openings of the case and arranged when moved in one direction to draw the lace curtains or other articles out of the case and when moved in the opposite direction to put the lace curtains or other articles back into the case.

3. In an apparatus for the purpose described, the combination of a rod, a bolt con-

5 nected with the rod and carrying a pulley
and a cross-pin, a rod one end of which is
supported by the said cross-pin of the bolt,
and a cable passed around the pulley of the
bolt and adapted to be used in moving ar-
ticles on the second named rod.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-
nesses.

JOHN HENRY WAGGETT.

Witnesses:

ADOLPH HAAS,
JOHN J. LUCEY.