

No. 697,404.

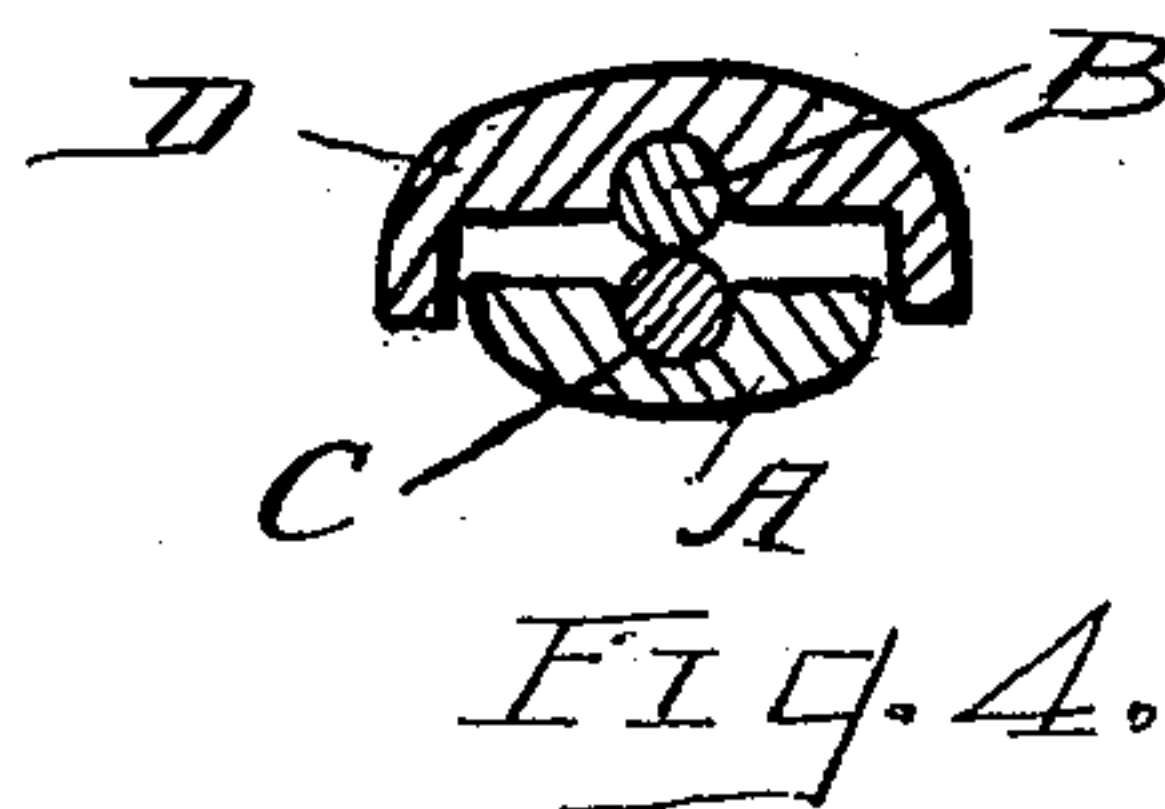
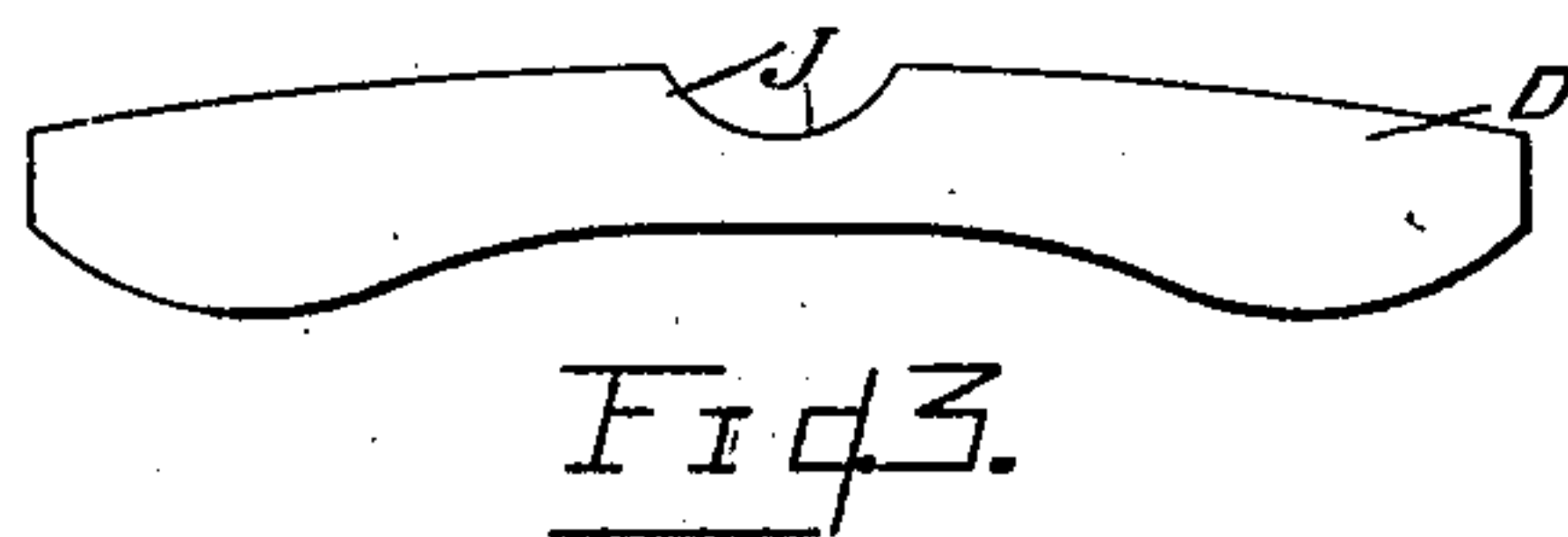
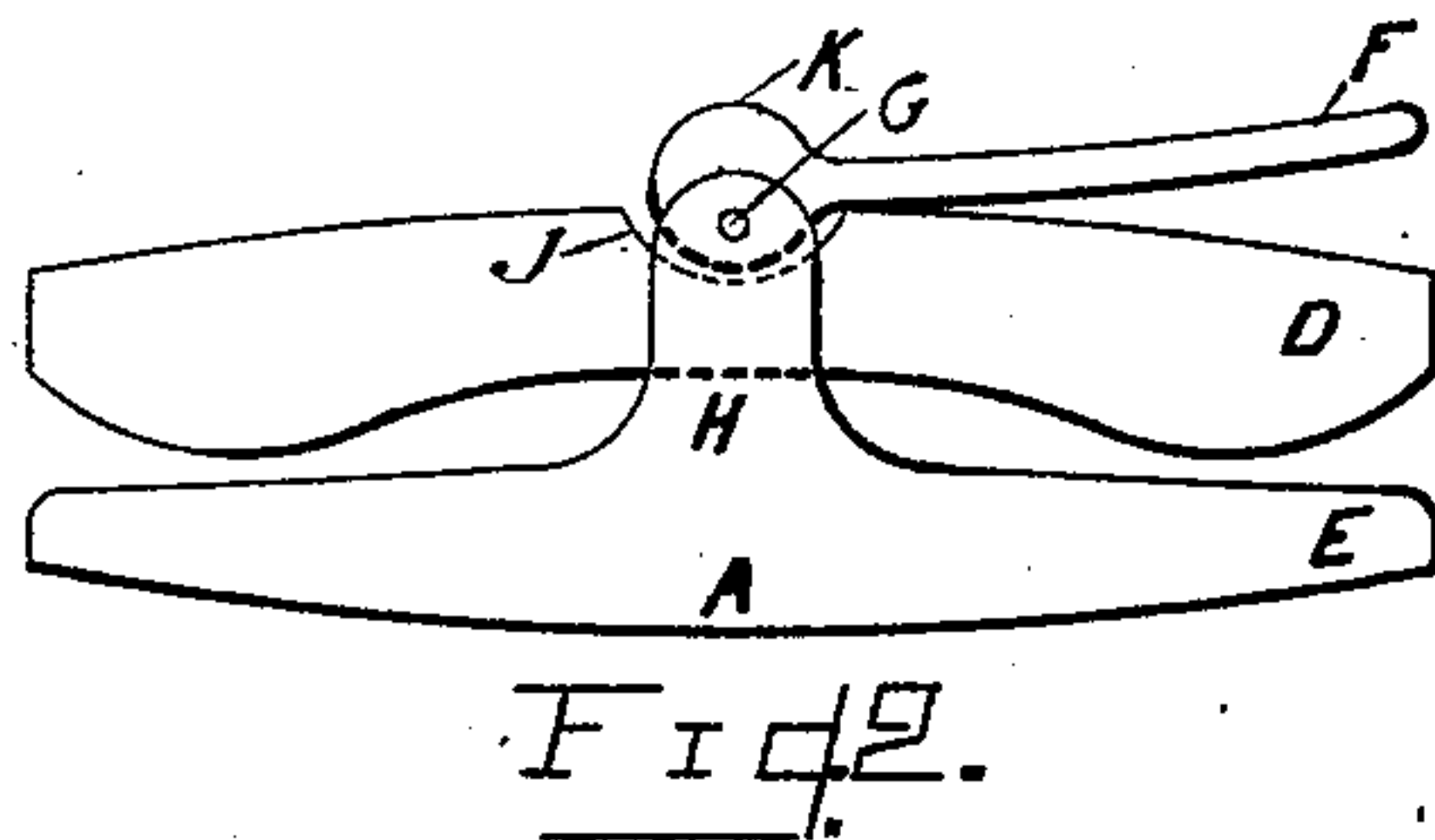
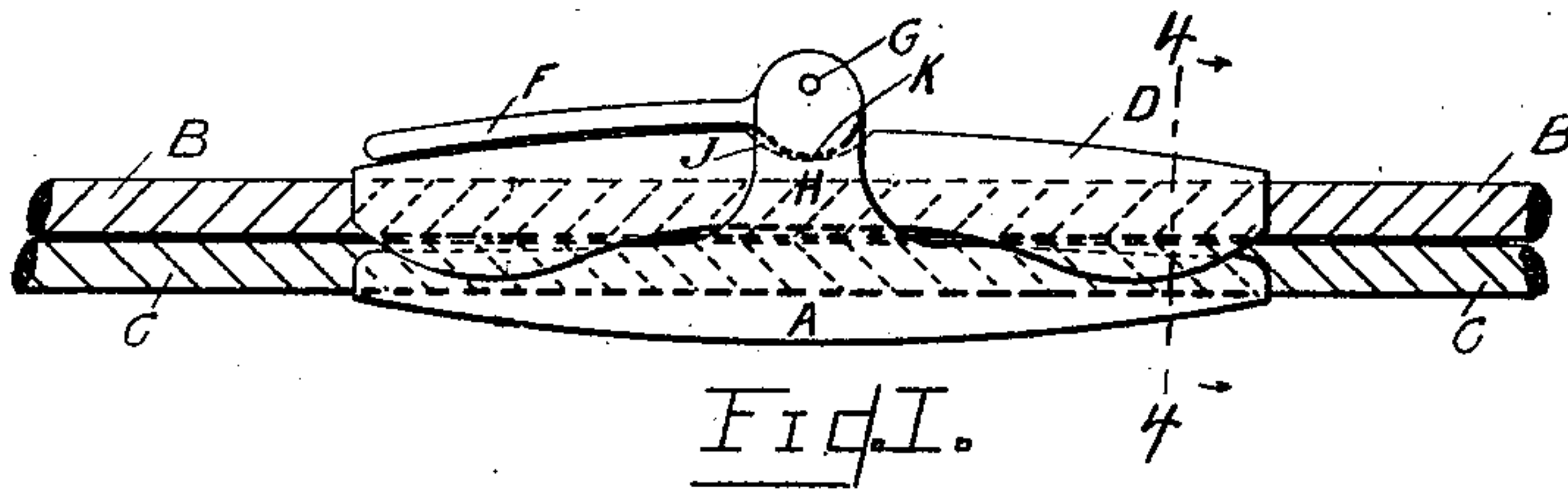
Patented Apr. 8, 1902.

T. GRUNDY.

COMBINED SAFETY CLOTHES LINE AND PEG HOLDER OR CLAMP.

(Application filed July 29, 1901.)

(No Model.)



Witnesses:

J. B. Keigh

Thos. J. Elliott.

Inventor

Thomas Grundy

By

James L. Norris

Atty.

UNITED STATES PATENT OFFICE.

THOMAS GRUNDY, OF AUCKLAND, NEW ZEALAND, ASSIGNOR OF ONE-HALF
TO ROBERT POTTER, OF AUCKLAND, NEW ZEALAND.

COMBINED SAFETY CLOTHES-LINE AND PEG HOLDER OR CLAMP.

SPECIFICATION forming part of Letters Patent No. 697,404, dated April 8, 1902.

Application filed July 29, 1901. Serial No. 70,123. (No model.)

To all whom it may concern:

Be it known that I, THOMAS GRUNDY, engineer, a subject of His Majesty the King of the United Kingdom of Great Britain and Ireland, residing at the city of Auckland, in the Provincial District of Auckland and Colony of New Zealand, have invented a certain new and useful Combined Safety Clothes-Line and Peg Holder or Clamp, of which the following is a specification.

This invention, as its title discloses, is a combination of one or more lines, preferably two, with a clothes holder or clamp to secure the safe suspension of the clothes to the line or lines and to prevent their falling off either of the lines in the case of either one of them breaking.

The combination is effected by passing the line or lines, preferably two, through the clothes holder or clamp, when the lever on the top of the holder can be turned over, so that the clothes having been hung between the lines they will be securely clamped and held to the lines, so that they cannot fall off.

In the accompanying drawings, Figure 1 is a front elevation of the holder with the lines clamped tight together. Fig. 2 is a front elevation of the holder or clamp off the lines and loose or unfastened; and Fig. 3 is a front elevation of the loosely-fitting upper part of the holder, showing recess in upper part thereof. Fig. 4 is a transverse vertical section taken on the line *xx* of Fig. 1, showing the construction of the jaws.

The holder A when in operation, as shown in Fig. 1, has the clothes-lines B and C passing through it and held tightly therein by the upper piece D being clamped close down onto the lower piece E by the lever F, which is eccentrically fitted at G to the upper projection H of the lower piece E. A recess J is provided in the upper center part of the upper piece D, into which the eccentric knob K of the lever F fits on it, the lever F being turned over.

To give effect to the combination, the loose holder or clamp A (shown in Fig. 2) is made to envelop the lines, preferably two, and when two lines are used the clothes are passed between them, B and C, on each side of the holder or clamp A, so that the ends of the up-

per piece D, resting over the ends of the lower piece E, will have the lines B and C with the clothes so placed between them that on the lever F being turned over, as shown in Fig. 1, the clothes and lines will be securely held. To enable the clothes to be taken off or from between the lines, the lever F of the holder or clamp A is turned back, as shown in Fig. 2, when the lines B and C will open out from one another, so that the clothes can be easily withdrawn.

It will be evident a single line can be used in connection with the clamp A, the line being placed upon the lower piece E, the clothes mounted thereon and clamped thereto by means of the upper piece D and lever F.

The upper piece D and the lower piece E are hollowed out and their lips made as shown in drawings, so that when claspings the lines B and C they will fit closely to one another, and the lips midway of the upper piece D fit over the lips midway of the lower piece E. The lever F is fitted eccentrically to the projection H, so that the knob K can close into the recess J of the upper piece D when being operated. The upper piece D is made to fit loosely in between the walls of the projection H, as shown in Figs. 1 and 2, and it has a forward-and-backward play of about a sixteenth of an inch. Two lines are preferably used, because more would not give the same effect and because two serve to prevent any mishap to the suspended clothes by the breaking of a line, for in such a case the remaining line being clamped with the clothes by the holder prevents the clothes from falling. As many holders or clamps can be fitted onto and over the lines as may be required, and they can be made of any suitable material, though metal will probably be found to be the best, and any kind of rope can be adopted; but wire rope of the kind ordinarily used will be more suitable than any other kind.

As shown in Fig. 1, the clamps encompass the lines and can only be removed or taken off by withdrawing the lines from between their upper and lower pieces. The clamps can be moved along any portion of the lines to any required part.

The ends of the lines can be held to posts,

walls, or other fixtures by blocks, pulleys, or such like or in any way that will meet requirements.

Having fully described my invention, what
5 I desire to claim and secure by Letters Patent is—

1. A clothes holder or clamp consisting of a lower piece provided with a pair of upwardly-extending projections, a lever mounted between said projections and eccentrically connected thereto, and an upper piece loosely fitted between the projections and adapted to overlap said lower piece when operated by said lever.

15 2. A clothes holder or clamp consisting of a lower piece provided with a pair of upwardly-extending projections, lever mounted between said projections and eccentrically con-

nected thereto, and an upper piece loosely fitted between said projections and provided with a recess in which operates the eccentric portion of the lever. 20

3. A clothes holder or clamp consisting of a lower piece provided with a pair of projections, an upper piece mounted between said 25 projections and provided with a recess, said pieces adapted to lap one over the other, and a lever mounted between said projections, eccentrically connected thereto and adapted to have its eccentric portion operate within said 30 recess.

THOMAS GRUNDY.

Witnesses:

GEORGE WILLIAM BASLEY,
PERCY HERBERT BASLEY.