

(No Model.)

G. KELLY.
HANGER FOR WIRE LATHING.

No. 445,836.

Patented Feb. 3, 1891.

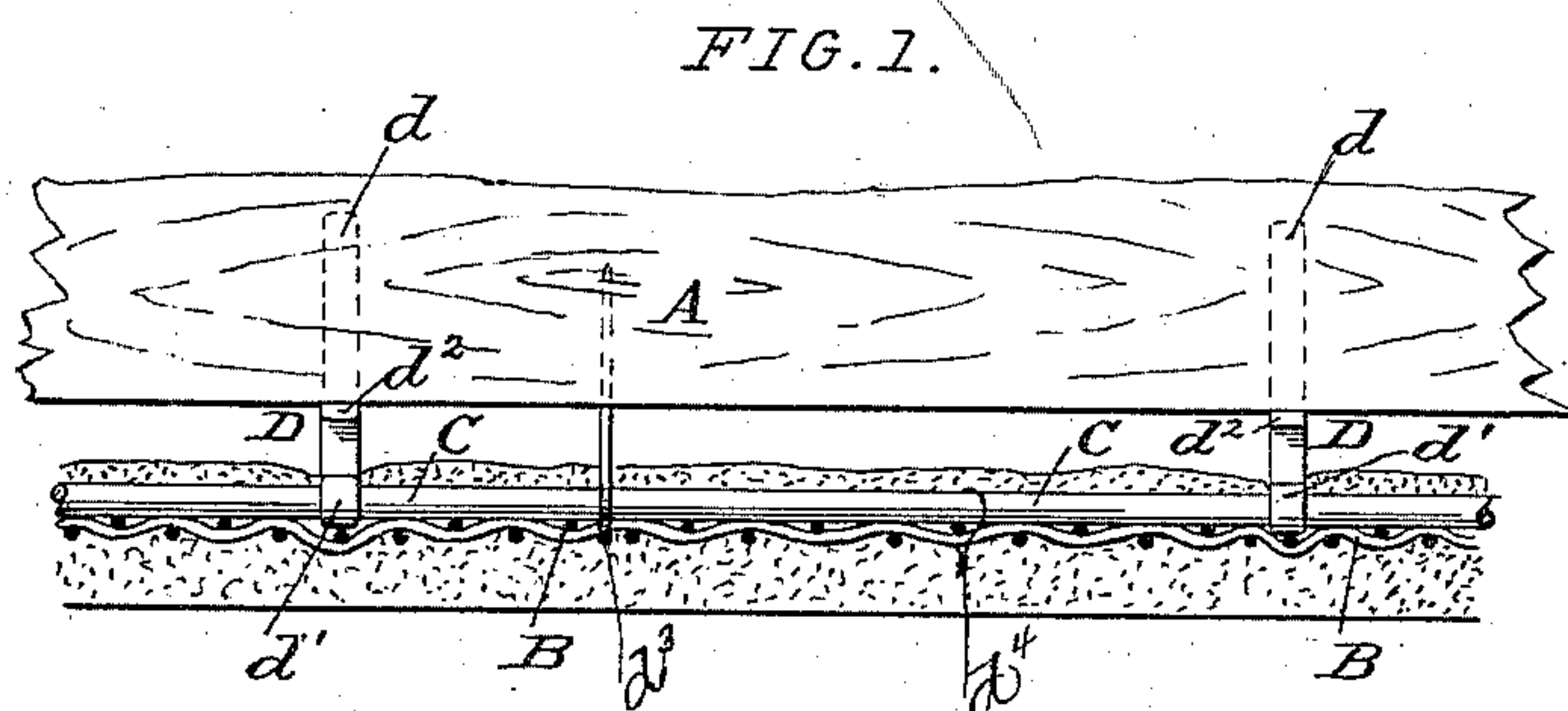
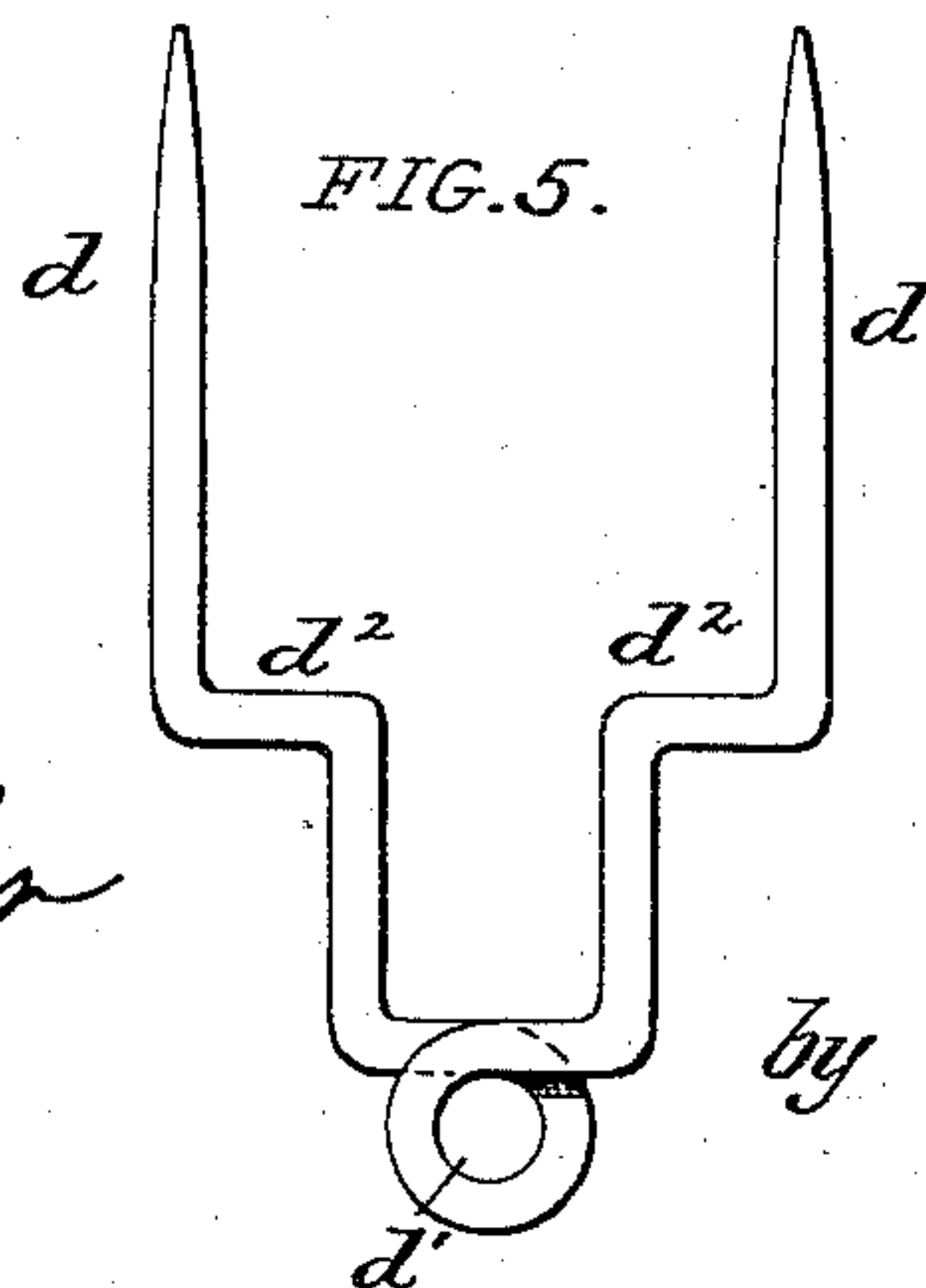
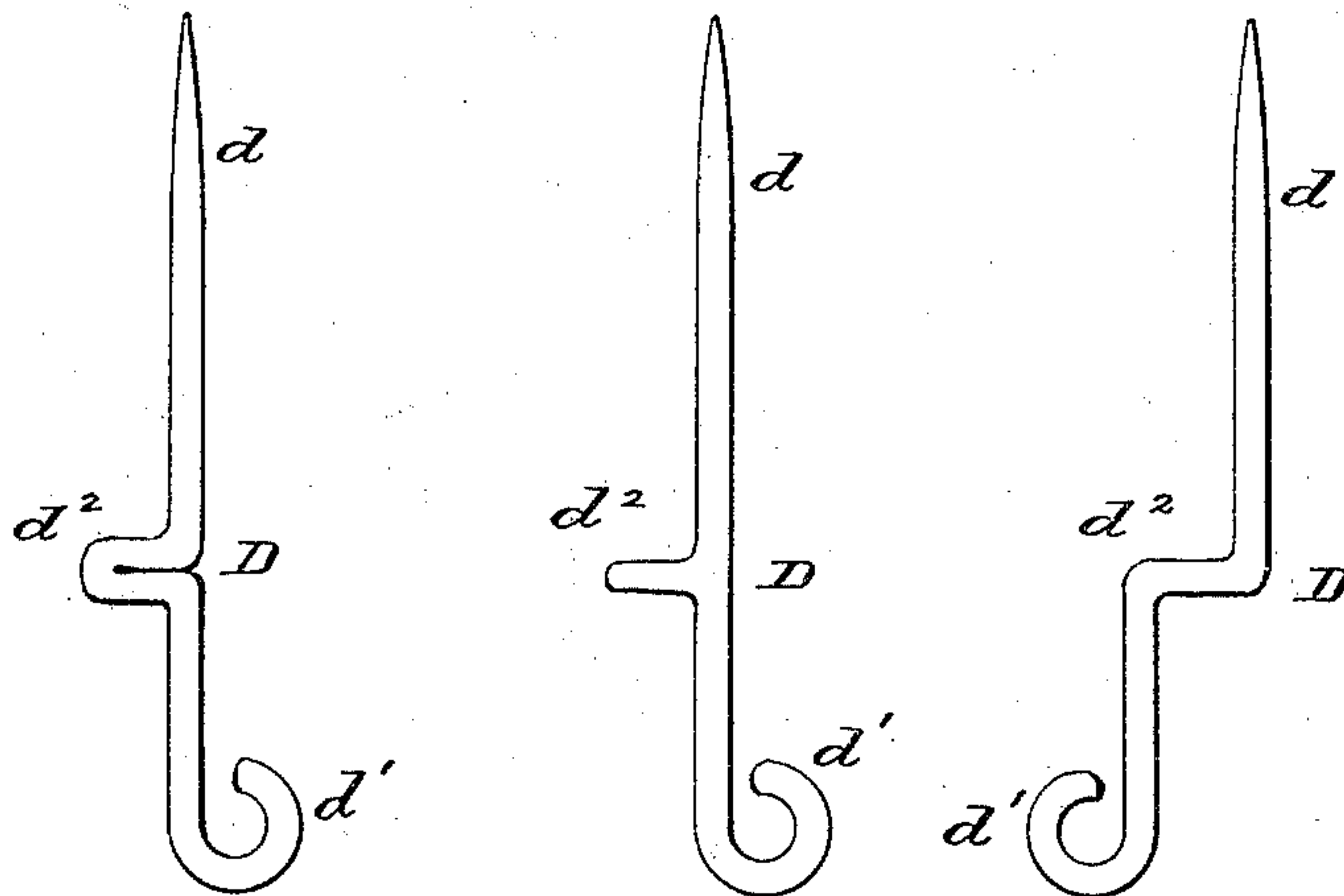


FIG. 2.

FIG. 3.

FIG. 4.



ATTEST:

John T. Miller
Geo. H. Arthur

INVENTOR:

George Kelly,

by

Robert A. Burns
Attorney.

UNITED STATES PATENT OFFICE.

GEORGE KELLY, OF CHICAGO, ILLINOIS.

HANGER FOR WIRE LATHING.

SPECIFICATION forming part of Letters Patent No. 445,836, dated February 3, 1891.

Application filed November 25, 1889. Renewed December 22, 1890. Serial No. 375,489. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KELLY, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a certain Improved Hanger for Wire Lathing, &c., of which the following is a specification.

This invention more especially relates to that form of metallic lathing for plastering purposes in which a sheet of wire fabric is provided with a number of transversely-extending rods or bars to afford lateral stiffness to the fabric and afford means whereby the same can be securely attached to the wall or ceiling.

The object of the present improvement is to provide an improved hanger piece or staple for attaching the wire fabric to the wall or ceiling through the instrumentality of the aforesaid series of transverse stiffening rods or bars, such hanger-piece embodying the features of an eye for receiving the rod or bar, a pointed end to be driven into the rafter or studding, and a stop-shoulder to limit the entrance of such pointed end and insure a uniform distance of the wire lathing away from the wall or ceiling, or the rafters or studding of the same, such distance being necessary to allow the plaster to properly clinch through the mesh of the fabric, and also to form an air-space between the body of the plastering and the wood-work of the wall or ceiling. I attain such object by the form of staples illustrated in the accompanying drawings, which show different modified forms of the same.

Figure 1 is a sectional elevation of a portion of wire lathing attached in place by my improved hanger-piece construction. Figs. 2, 3, and 4 are views of a single point hanger-piece constructed in accordance with my invention; and Fig. 5 a view of a double-pointed hanger-piece similarly constructed.

Similar letters of reference indicate like parts in the several views.

Referring to the drawings, A represents a portion of the studding or rafter of a wall or ceiling; B, a portion of wire lathing or fabric, and C the transversely-extending stiffening bars or rods of the fabric.

D represents my improved hanger-piece, having one end d pointed so that it can be readily driven into the wood, the other end

being formed with an eye or loop d' to receive the bar or rod C, while at or near its mid-length it is formed with an offset or rib d^2 , that acts as a stop in driving the hanger-piece into place and insures an even and uniform projection of the eyes or loops d' away from the studding or rafters, and a consequent even and uniform surface of the wire lathing when attached in place.

The hanger-piece may be made with a single shank and pointed end d , as illustrated in Figs. 2, 3, and 4, or with a double shank, a pair of offsets d^2 , and a pair of pointed ends d , as illustrated in Fig. 5, where greater strength of attachment is desired, and the offsets or ribs d^2 may be made by bends in the shank of the hanger-piece or by lateral ribs integral with the same, as shown.

In applying wire lathing by means of my present invention the hanger-piece D will be driven at intervals into the studding or joists and the stiffening-rods C threaded through the eyes d' . The wire fabric is then secured in place against the rods by ordinary staples d^3 passing through the fabric, around the rods C, and driven into the studding or rafters, as shown; or the fabric may be secured to the rods C by twisted wire loops or clips d^4 at suitable intervals; or again the rods C may be threaded through the mesh of the fabric and the hanger-piece eyes d' , either of these methods being employed, as found most desirable or convenient.

It is evident that my improved hanger-piece may be used for other purposes in the arts, and I do not therefore confine my invention to its application to wire-lathing purposes solely.

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

A hanger-piece D, consisting of an eye d' at one end, a point or points at the other end, and an offset or offsets d^2 at or near its mid-length, essentially as herein described, and for the purpose set forth.

In testimony whereof witness my hand this 28th day of September, 1889.

GEORGE KELLY.

In presence of—

ROBERT BURNS,
GEO. H. ARTHUR.