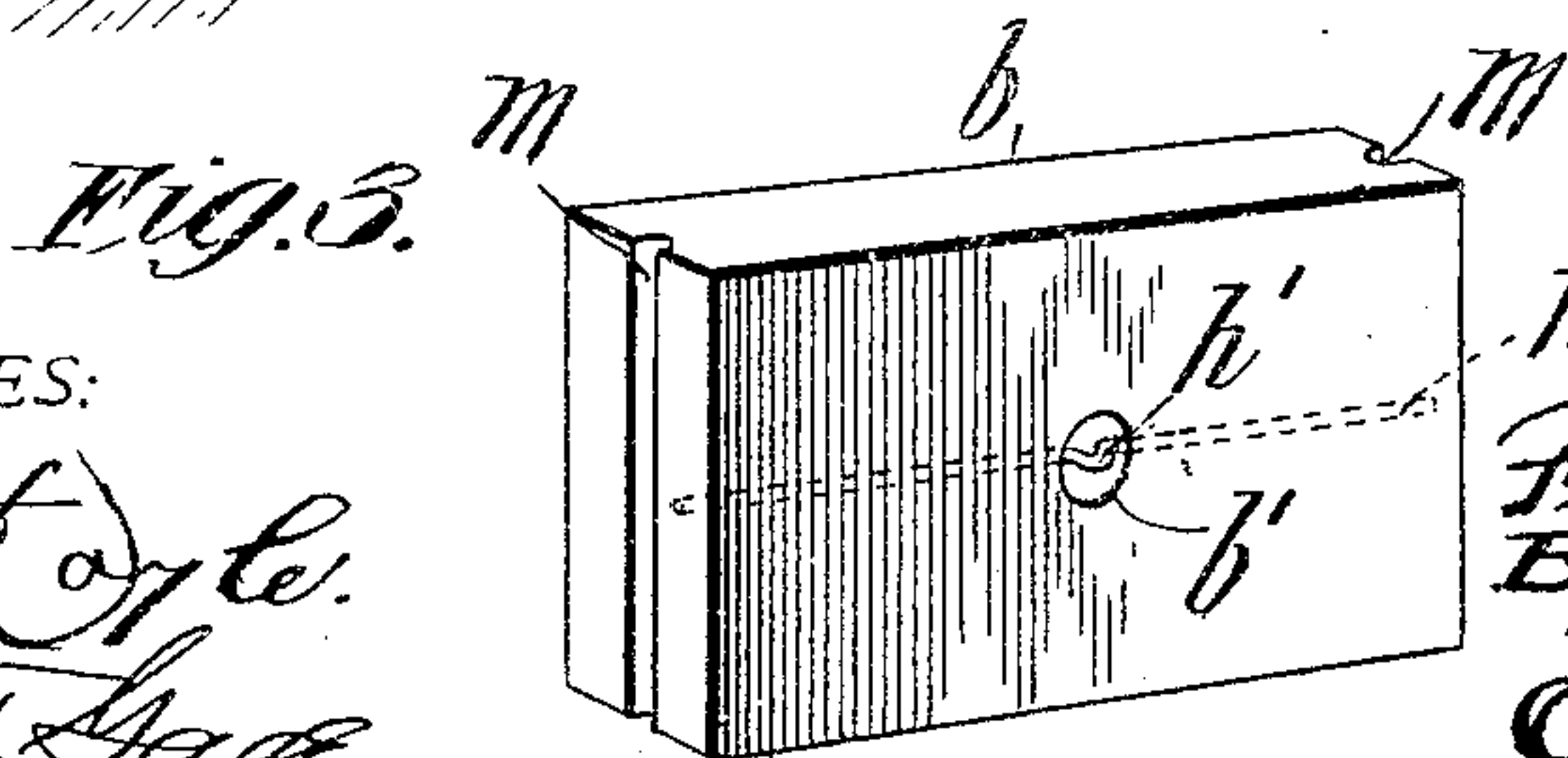
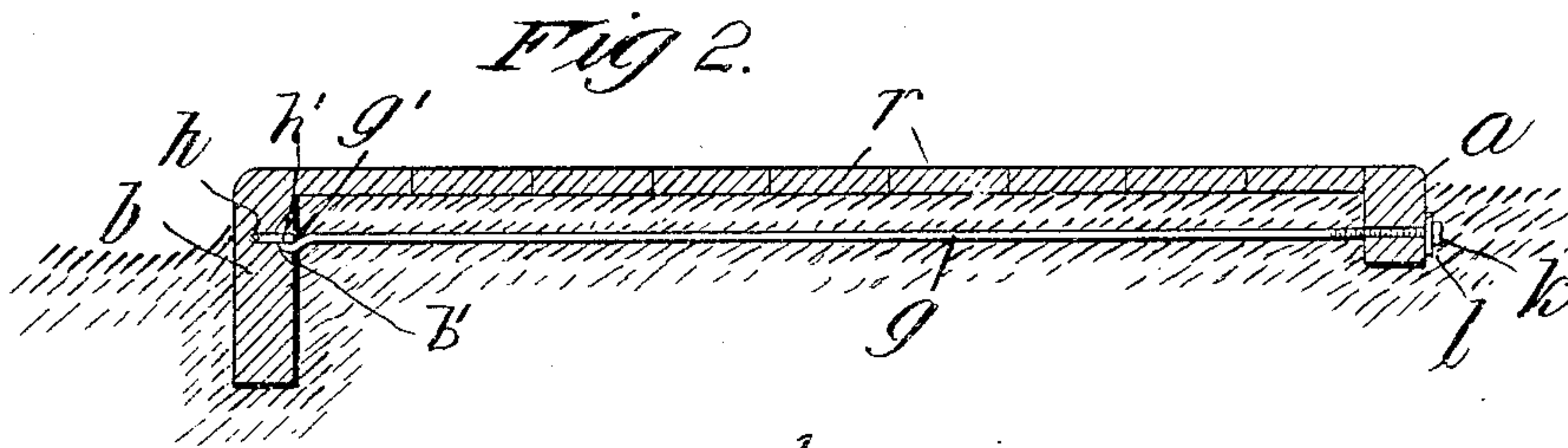
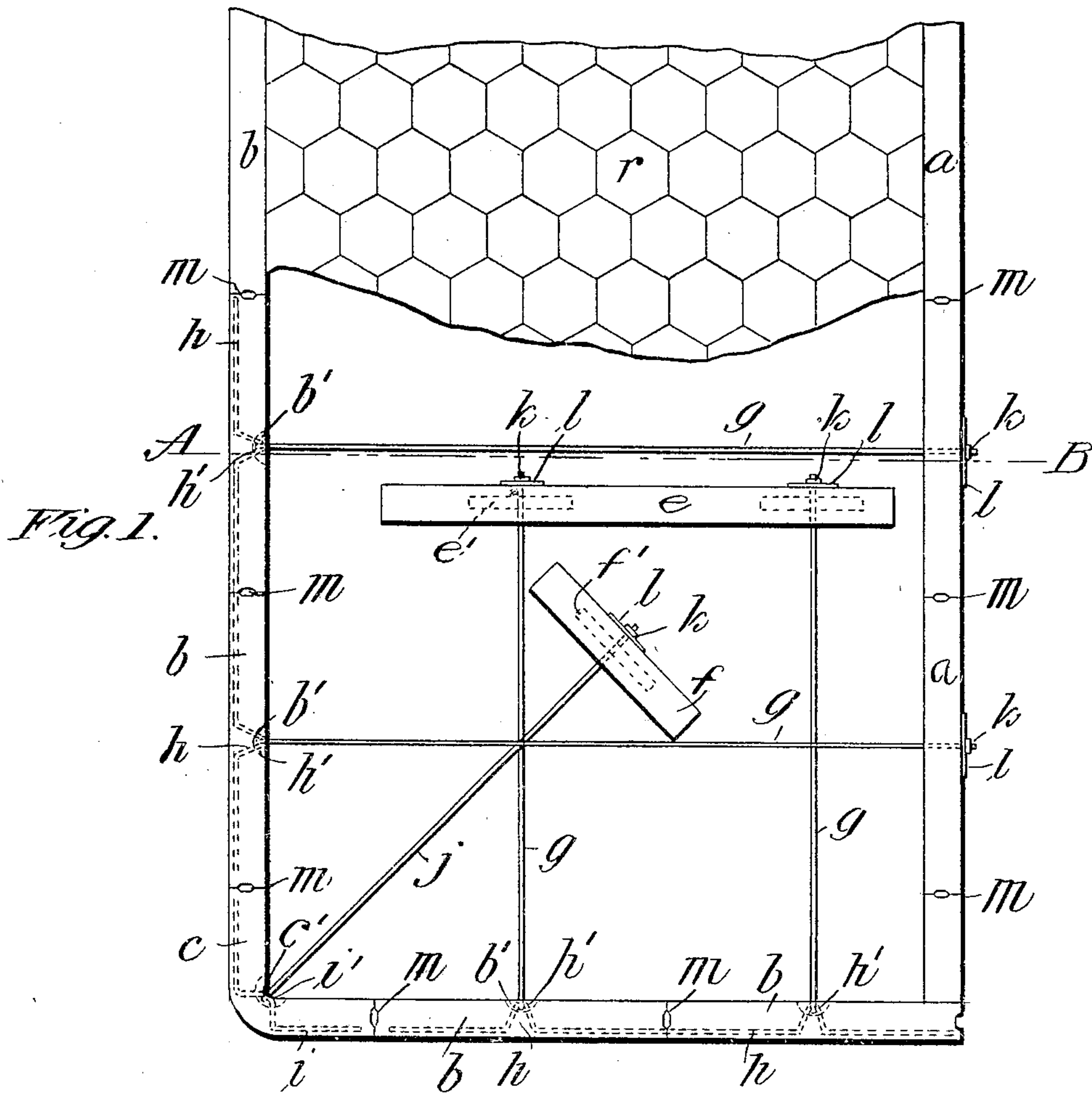


F. B. BERRIEN.

CURB.

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WITNESSES:

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FRANCIS B. BERRIEN, OF BELMOND, IOWA, ASSIGNOR OF ONE-HALF
TO JOHN M. BARRY, OF BELMOND, IOWA.

CURB.

No. 803,390.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANCIS B. BERRIEN, a citizen of the United States, residing at Belmond, in the county of Wright, State of Iowa, have invented certain new and useful Improvements in Curbs, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a curb, and particularly to means for securing and retaining the same in position.

The invention has for its object to provide means whereby the curb composed of series of sections disposed at an angle to each other may be secured in position by means of anchor-blocks disposed parallel with the curb-sections and provided with tie-rods extending from the sections to the blocks.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawings, Figure 1 is a plan showing the disposition of the anchors and tie-rods relative to the curb-sections; Fig. 2, a vertical transverse section on the line A B of Fig. 1, and Fig. 3 is a detail perspective of one of the curb-sections.

Like letters of reference refer to like parts in the several figures of the drawings.

The curb-sections *b* are disposed at an angle to each other to constitute a corner, which may be a right angle, as shown in Fig. 1, or any other desirable angle, and the sections *b*, comprising the portions of the angle, are joined by a corner-section *c*. Each of these sections is held in position by means of a suitably-disposed anchor-block. For instance, the anchor-blocks *a*, disposed parallel to one series of the curb-sections, may constitute an inner or lawn curb, while the curb-sections disposed at an angle to the first-mentioned sections are secured in position by an anchor-block *e*. From each of these anchor-blocks a tie-rod *g* extends to the curb-section and is there connected with a stay-rod *h*, molded within the curb-section and extending longitudinally thereof. This stay-rod is provided intermediate of its ends with an eye *h'*, preferably disposed within the lateral diameter of the block, and the latter provided with a recessed portion *b'* to permit the introduction into the eye of the hook *g'*, carried by the end of the tie-rod *g*. The corner-block *c* is provided with a similar stay-

rod *i*, provided with an eye *i'*, disposed within the recess *c'* at the angle of the corner-section. The corner-block is provided with a tie-rod *j*, extending from the eye *i'* in the block to the anchor-block *f*, disposed at a right angle to the rod *j*. The inner end of each of the tie-rods *g* and *j* passes through the anchor-blocks *a*, *e*, and *f*, where it is secured and adjusted to hold the curb-sections in proper position by means of the nut *k* upon the threaded end of the rod bearing against the washer *l*, disposed in contact with the face of the anchor-block. If desired, this anchor-block may be strengthened by a metallic plate disposed within the same, through which the tie-rods pass, as shown by dotted lines at *e'* and *f'*, within the blocks *e* and *f*, respectively.

With the parts just described the curb-sections may be set and adjusted in alinement by the tie-rods *g* when these rods may be embedded in earth or any other suitable paving material, while, if desirable, a block-surface *r* may be laid in the usual manner. After the adjustment of the curb-sections they are secured together to form an integral structure by means of the keyways *m*, provided at the abutting faces of the sections, and are filled with a plastic cement and after the same has set forms a solid curb structure.

From the foregoing description it will be seen that the curb-sections may be molded and transported for use in the most convenient manner, so as to be properly seasoned, which obviates the difficulties ordinarily experienced in the molding of curb-sections at the places of use, while the disposition of the stay-rods entirely within the sections prevents injury thereto and permits the convenient storage within the minimum of space, as the sections may be placed one upon another. In assembling the curb-sections they may be disposed in different positions to form any desired configuration of curb suitable for use in parks, lawns, or other places and when cemented together by the keyways are held in alinement as an integral structure. The disposition of the anchor-block to form an inner curb extending longitudinally of the pavement provides a structure by which the paving material is firmly held between the curb-sections and the anchor-blocks by means of the tie-rods extending between the same.

It will be obvious that changes may be made

in the details of construction and configuration without departing from the spirit of the invention as defined by the appended claims.

Having described my invention and set forth its merits, what I claim, and desire to secure by Letters Patent, is—

1. A curb comprising sections disposed at an angle to each other, anchor-blocks extending parallel to each of said sections, tie-rods intersecting each other and extending at an angle from the sections to the anchor-blocks, a corner-section disposed at the angle of the first-mentioned sections, an anchor-block therefor, a tie-rod intersecting the first-mentioned rods and extending from the corner-section to the anchor-block, and a stay-rod disposed longitudinally within each of said sections and provided with an eye to receive said tie-rod.

2. A curb-section having a recess formed

within the transverse diameter thereof, and a stay-rod embedded in said section and extending longitudinally thereof with an eye intermediate of its ends and disposed within said recess.

3. A curb-section having a recess formed within the transverse diameter thereof, a stay-rod embedded in said section and extending longitudinally thereof with an eye intermediate of its ends and disposed within said recess, a tie-rod provided at one end with a hook to engage said eye and with adjusting means at its opposite end, and an anchor-block to support the adjustable end of said tie-rod.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS B. BERRIEN.

Witnesses:

N. REESE,

FRANK PARKE.