

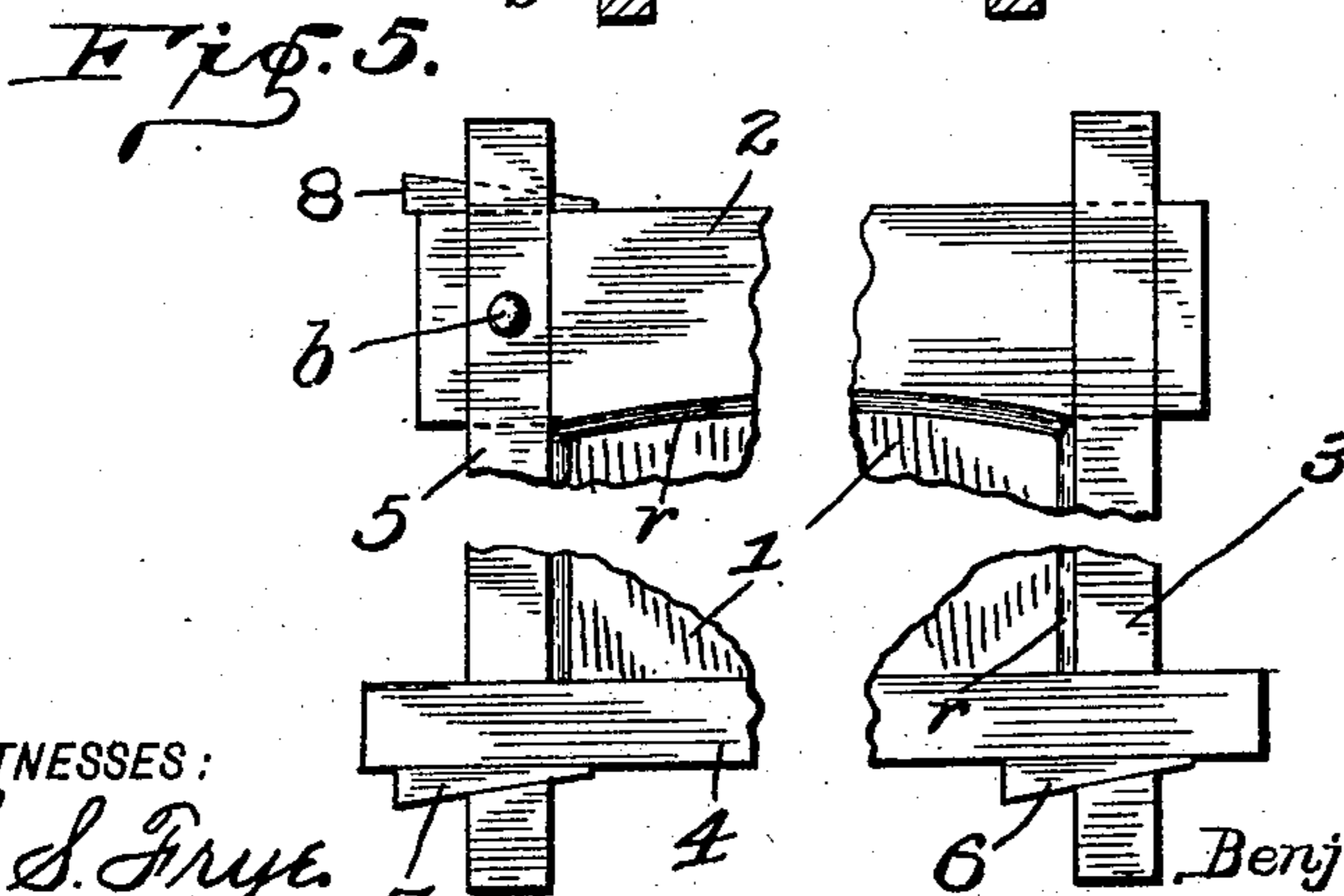
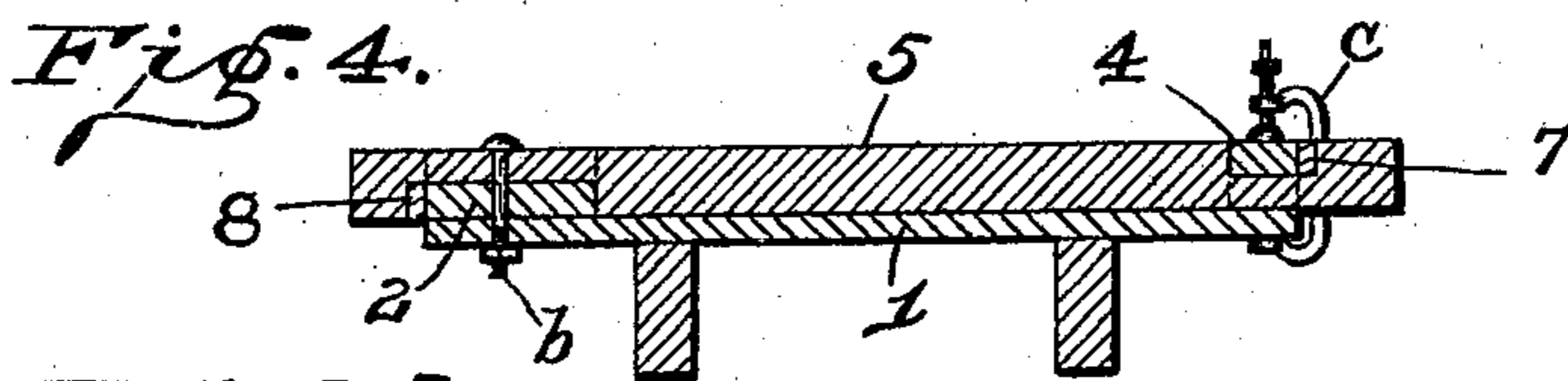
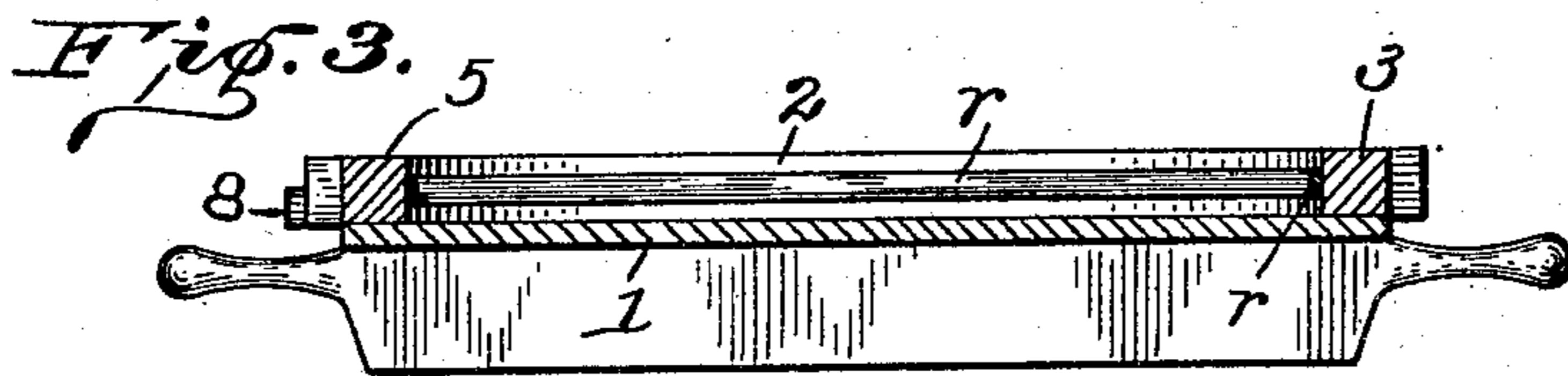
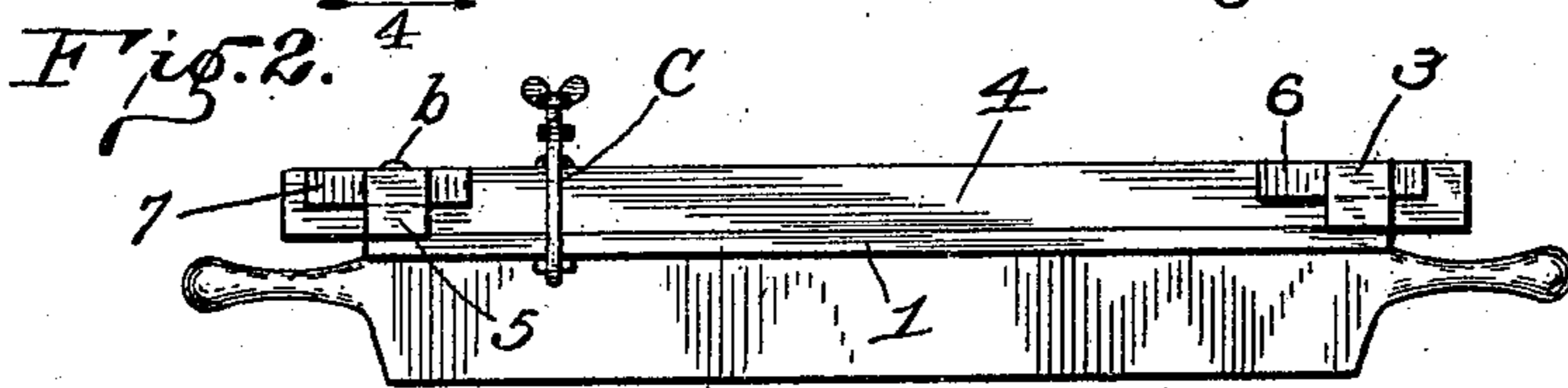
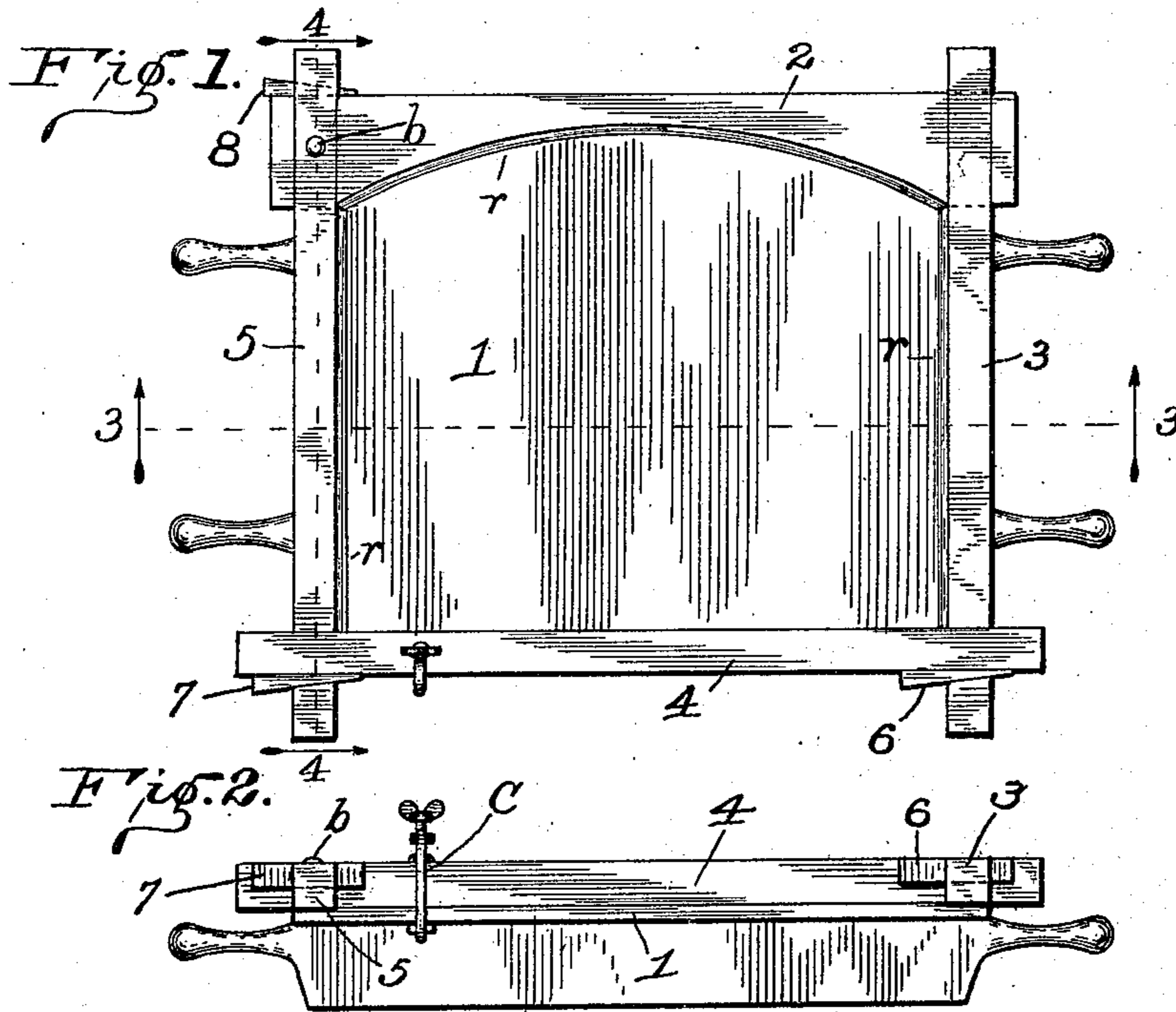
No. 682,578.

Patented Sept. 10, 1901.

B. F. VAN CAMP.
MOLD FOR BURIAL VAULT SECTIONS.

(Application filed Nov. 23, 1900.)

(No Model.)



WITNESSES:
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BENJAMIN F. VAN CAMP, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO VAN CAMP BURIAL VAULT COMPANY, OF SAME PLACE.

MOLD FOR BURIAL-VAULT SECTIONS.

SPECIFICATION forming part of Letters Patent No. 682,578, dated September 10, 1901.

Application filed November 23, 1900. Serial No. 37,468. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. VAN CAMP, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Molds for Burial-Vault Sections, of which the following is a specification.

In the manufacture of burial-vaults—such as shown and described in Letters Patent No. 597,625, granted January 18, 1898, upon my application—I have experienced considerable difficulty in producing the sections of which such vault is composed, except at a comparatively excessive cost, on account of the difficulty of molding the same in common molds.

It is the object of my present invention to provide molds for making such sections which can be handled with facility; and it consists of a mold made of several parts, the parts being adapted to be assembled and disassembled conveniently and speedily, and the vault-sections formed thereby thus produced rapidly and inexpensively, as will be hereinafter more particularly described and claimed.

Referring to the accompanying drawings, which are made a part hereof and on which similar reference characters indicate similar parts, Figure 1 is a plan view of such a mold as it appears in assembled condition ready for use in forming a vault-section therein; Fig. 2, an edge elevation of the same; Fig. 3, a sectional view thereof as seen when looking in the direction indicated by the arrows from the dotted line 3 3 in Fig. 1; Fig. 4, a sectional view as seen when looking in the direction indicated by the arrows from the dotted line 4 4 in Fig. 1; and Fig. 5, a plan view of the corners thereof, on an enlarged scale, the middle portions being broken away in order to save space.

My improved mold is composed of a platform or floor 1, having four border-pieces 2, 3, 4, and 5 mounted thereon at appropriate locations, at or near the edges thereof, which several border-pieces, except the piece 4 on the edges or sides which come in contact with the article to be formed, are provided with half-round ribs *r*, which are adapted to form semicircular grooves in the edges of the vault-sections when completed, for the purposes

specified in my above-mentioned Letters Patent. These ribs obviously would prevent the removal of a vault-section when formed in an ordinary integral mold. Of these several border-pieces two, 2 and 3, are fixedly secured to the platform. The others, 4 and 5, are removable. Those at the corners where they cross each other and at the opposite ends where they cross the border-pieces 2 and 3, respectively, are "halved" onto each other and onto said other border-pieces. At these several corners the cut-away portion in one of each of the pieces is wider than the piece which is to be received thereby, and keys 6, 7, and 8 are inserted in the spaces thus produced, and these when driven in draw the several border-pieces tightly together at the respective corners, except the corner where the pieces 2 and 3 meet, which is a fixed corner, as before explained. One or more bolts *b* may be used in holding the removable border-pieces tightly onto the platform or floor, and clamps *C* may be used at other points, thus holding the said removable border-pieces as firmly onto the platform or floor while the section is being molded as the fixedly-positioned ones are. After the parts are assembled the molds are laid down flat, and the mixture of which the vault-section is composed is poured in and troweled off smoothly. This will set sufficiently to retain its shape in a comparatively short time, (twenty-four hours or less,) after which it may be taken away by removing the two removable border-strips 4 and 5, tipping the mold up on edge, and sliding the vault-section thus formed out of the mold, leaving it standing on edge leaning against some suitable support, where it may remain and become hard and seasoned to any extent desired, while the mold is subject to repeated and continuous use.

In a solid mold it would be necessary to substantially destroy the mold before the section could be removed, and it could not be removed at all until after the lapse of a considerably longer time, so that by the use of my invention not only are the molds preserved for repeated use, but a very much less number of molds are required than would otherwise be the case.

Having thus fully described my said inven-

tion, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, in a mold, of a platform, the border-pieces 2, 3, 4, and 5, 2 and 5 3 of which are fixed rigidly to said platform and 4 and 5 of which are removable and adjustable toward and from said other border-pieces, and fastening devices for securing said removable and adjustable pieces in place, 10 substantially as set forth.

2. The combination, in a mold, of a platform, the border-pieces part of which are fixedly secured to said platform and part of which

are removable and adapted to be adjusted toward and from said fixed pieces, means for 15 securing them in place, and the ribs *r* secured on the facing edges of border-pieces, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 20 20th day of November, A. D. 1900.

BENJAMIN F. VAN CAMP. [L. s.]

Witnesses:

CHESTER BRADFORD,
JAMES A. WALSH.