

J. B. SICKLER.
FENCE-POST.

No. 175,771.

Patented April 4, 1876.

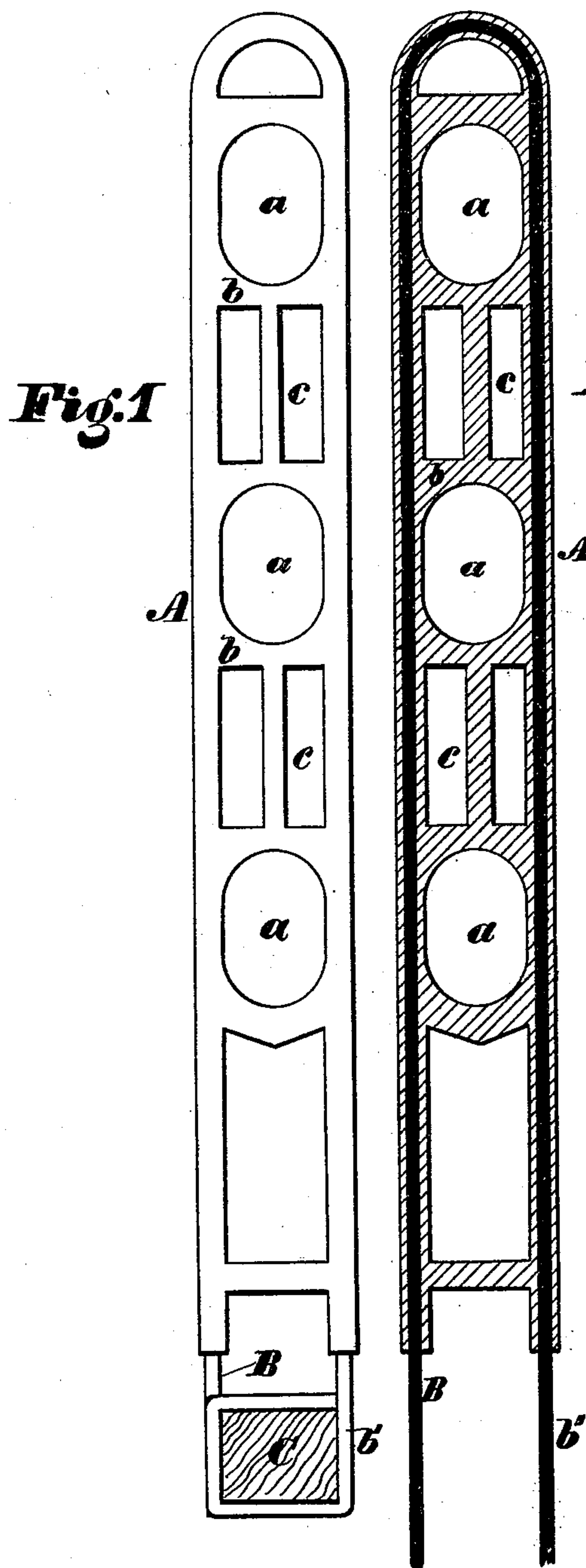


Fig. 2

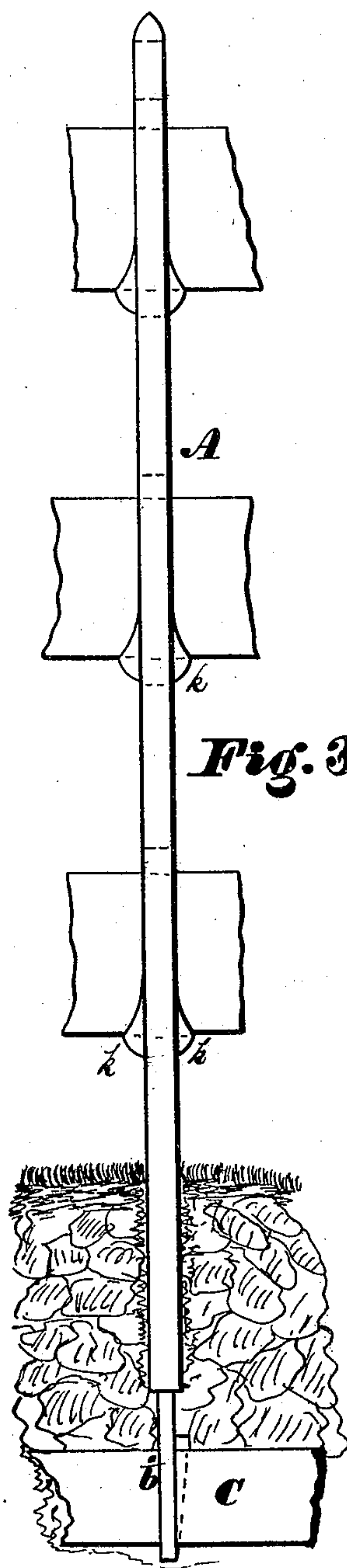


Fig. 3

Witnesses
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UNITED STATES PATENT OFFICE.

JOSHUA B. SICKLER, OF CHEW'S LANDING, NEW JERSEY.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. **175,771**, dated April 4, 1876; application filed January 29, 1876.

To all whom it may concern:

Be it known that I, JOSHUA B. SICKLER, of Chew's Landing, in the county of Camden and State of New Jersey, have invented certain new and useful Improvements in Fence-Posts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a front elevation. Fig. 2 is a longitudinal vertical section, and Fig. 3 is a side elevation of my invention, showing the post placed in the soil.

The object of this invention is to provide an improved fence-post of cast-iron, the peculiar novel feature of which is a wrought-iron core-rod embedded during the operation of casting in the two vertical limbs and in the top of the post, in such a manner as to allow the ends of the rod to project from the lower end of the cast body, and constitute a means whereby a foot-piece of wood may be attached previous to the insertion of the post in the ground.

This post is designed to be strong, durable, light, and cheap, and to be especially serviceable in stony soil, or under other conditions not admitting of the insertion of a fence-post into the ground beyond a very limited depth.

Referring to the accompanying drawings, A designates a cast-iron fence-post for a rail-fence of oblong shape, in cross-section, with openings *a* at intervals for the reception of the rails, which rest upon the cross-pieces or webs *b*. The upper portions of said openings are arched for the purposes of strength. The pieces *b* are sustained against superincumbent weight by the vertical pillars situ-

ated in the center of the open panel-spaces *c* left in casting between the bottom of one opening, *a*, and the top of the next adjacent opening, as shown. B designates the wrought-iron core-rod, which, previous to being applied, is bent to a U-form. The rod is then suitably arranged in the mold, after which the metal is poured in so as to embrace the rod as shown, leaving the portions *b'* projecting and uncovered. C represents the foot of the post, consisting properly and preferably of a piece of wood of suitable length, which is attached to the post by simply bending around it the projecting parts *b'* of the wrought-iron core-rod. With this foot the post requires to be inserted to a short depth only, as when the foot is placed in the hole dug to receive it, the earth covering rests upon the foot, which thus serves as a stop to prevent the withdrawal or displacement of the post, the wrought-metal fastening at the same time preventing breakage or yielding of parts. *k k* are shoulders, formed in casting upon the sides of the post at the bottom of each rail-socket, and serving as additional supports or braces to the rails.

Having thus described my invention, I claim and desire to secure by Letters Patent—

The improved cast-iron fence-post A, having the wrought-iron rod *b* embedded therein, and projecting from the lower end to form fastenings for the foot-piece C, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of January, 1876.

JOSHUA B. SICKLER.

Witnesses:

THOS. E. CONNALLY,
CHAS. F. VAN HORN.