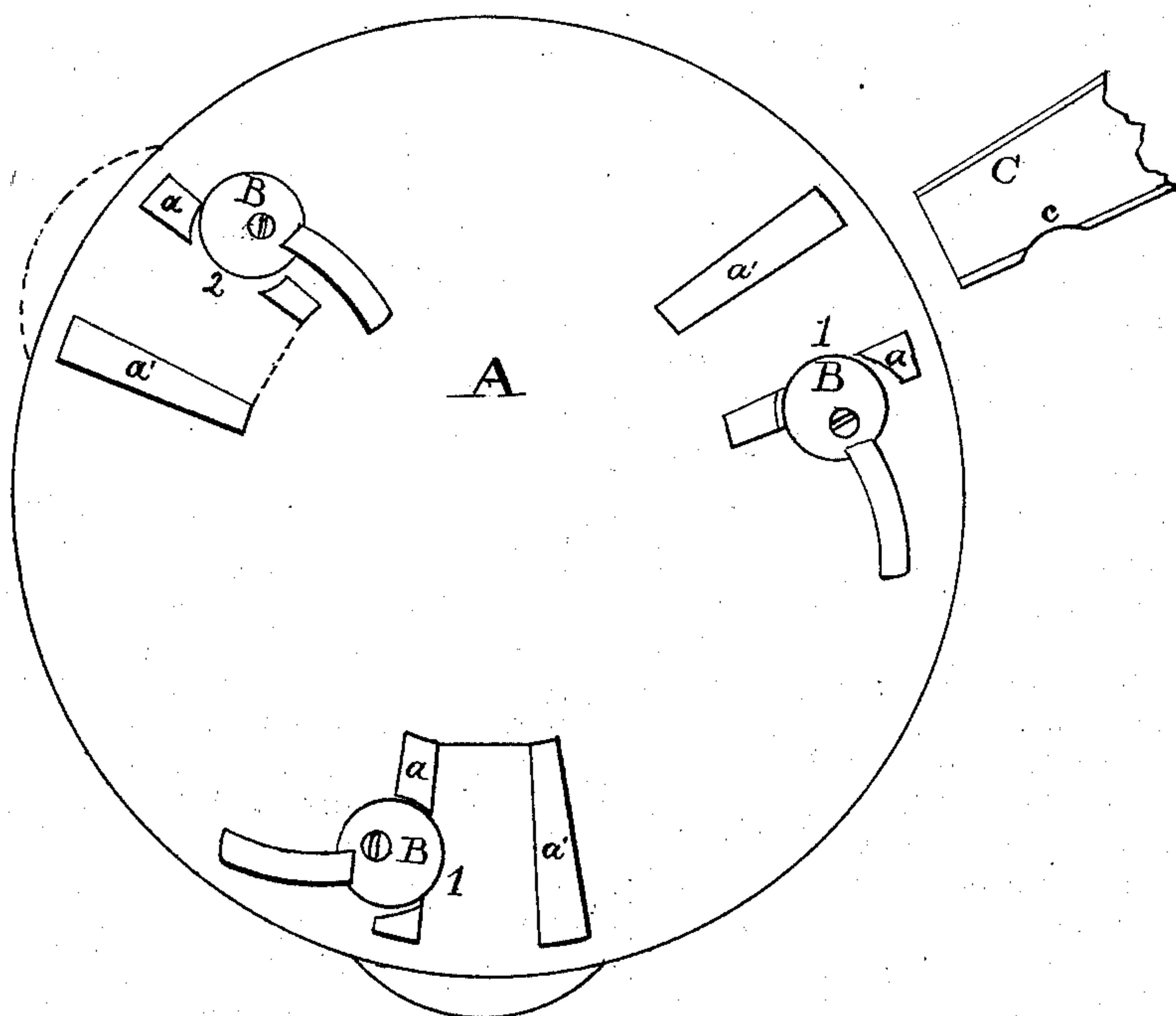


W. BOURN.
Stove-Leg.

No. 198,073.

Patented Dec. 11, 1877



Witnesses

C. M. Connell

W. R. Singleton

Inventor

William Bourn

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Atty.

UNITED STATES PATENT OFFICE.

WILLIAM BOURN, OF GENEVA, NEW YORK.

IMPROVEMENT IN STOVE-LEGS.

Specification forming part of Letters Patent No. **198,073**, dated December 11, 1877; application filed April 10, 1877.

To all whom it may concern:

Be it known that I, WILLIAM BOURN, of Geneva, in the county of Ontario, and State of New York, have invented certain new and useful Improvements in Stove-Legs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to letters of reference marked thereon, which form a part of this specification.

The figure represents the bottom plate of a round stove, showing the dovetail cleats in which the leg-shanks are to slide.

This invention relates to the manner of fastening the legs to a stove, so that they may be readily put in place and securely held there, or easily removed when desired.

A is the bottom plate of a stove having the cleats *a a'* cast thereon and made dovetail, as is usual. In one of the cleats, *a*, of each set there is formed a recess, the inner surface of which is curved in form to permit the turning of a cam, B, which is pivoted to the bottom of plate A, outside of said cleats, so that when turned, as at No. 1, the cam passes into the curved space *c*, which is made in the shank of the leg C, as shown in the figure.

This arrangement of the cam enables it to hold the leg firmly in its socket even though it only touches one side thereof, as the operation of turning the cam will force the leg to

the side of the same which is opposite to the cam, which is provided with a handle, for readily turning it for securing or releasing the leg.

I am aware of a patent granted to John Gibson on the 26th of January, 1869, and No. 86,147, in which there is shown and described a cam which, when in position to hold the leg in position, presses the same into contact with the bottom plate of the stove, but which, in this respect, differs essentially from mine. I am also aware that the said Gibson shows a cam which, when in position, bears against a pin in or projection upon the leg; but this differs from mine in the respect above referred to. I do not claim either form of fastening shown by said Gibson; but

What I claim is—

The stove-leg fastening herein described, consisting of a cam located in a recess formed within the flange of the socket, and passing, when in use, into a curved recess formed in the leg of the stove, it being in combination with said leg, substantially as shown and described.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

WILLIAM BOURN.

Witnesses:

S. SOUTHWORTH,
WM. C. KENT.