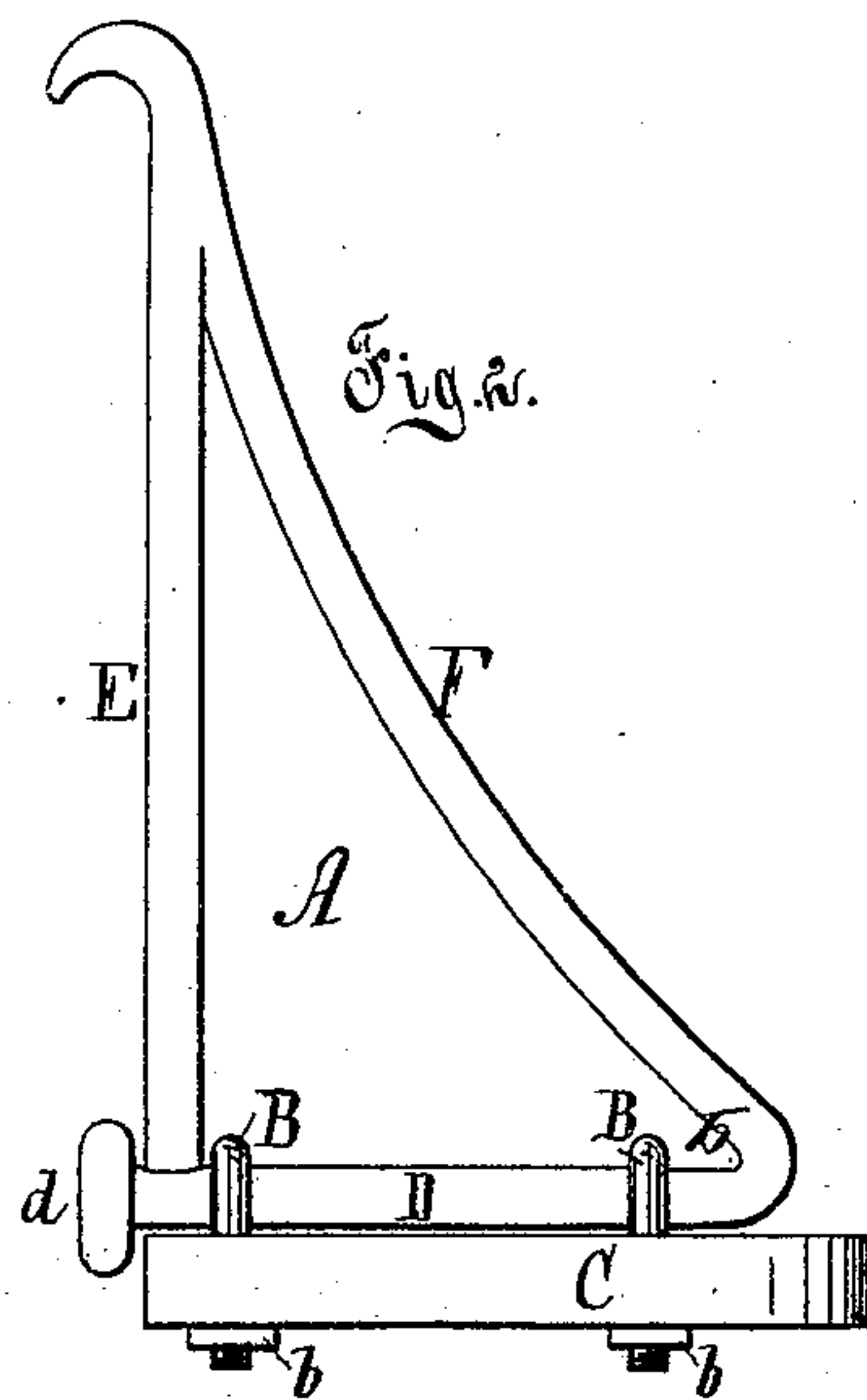
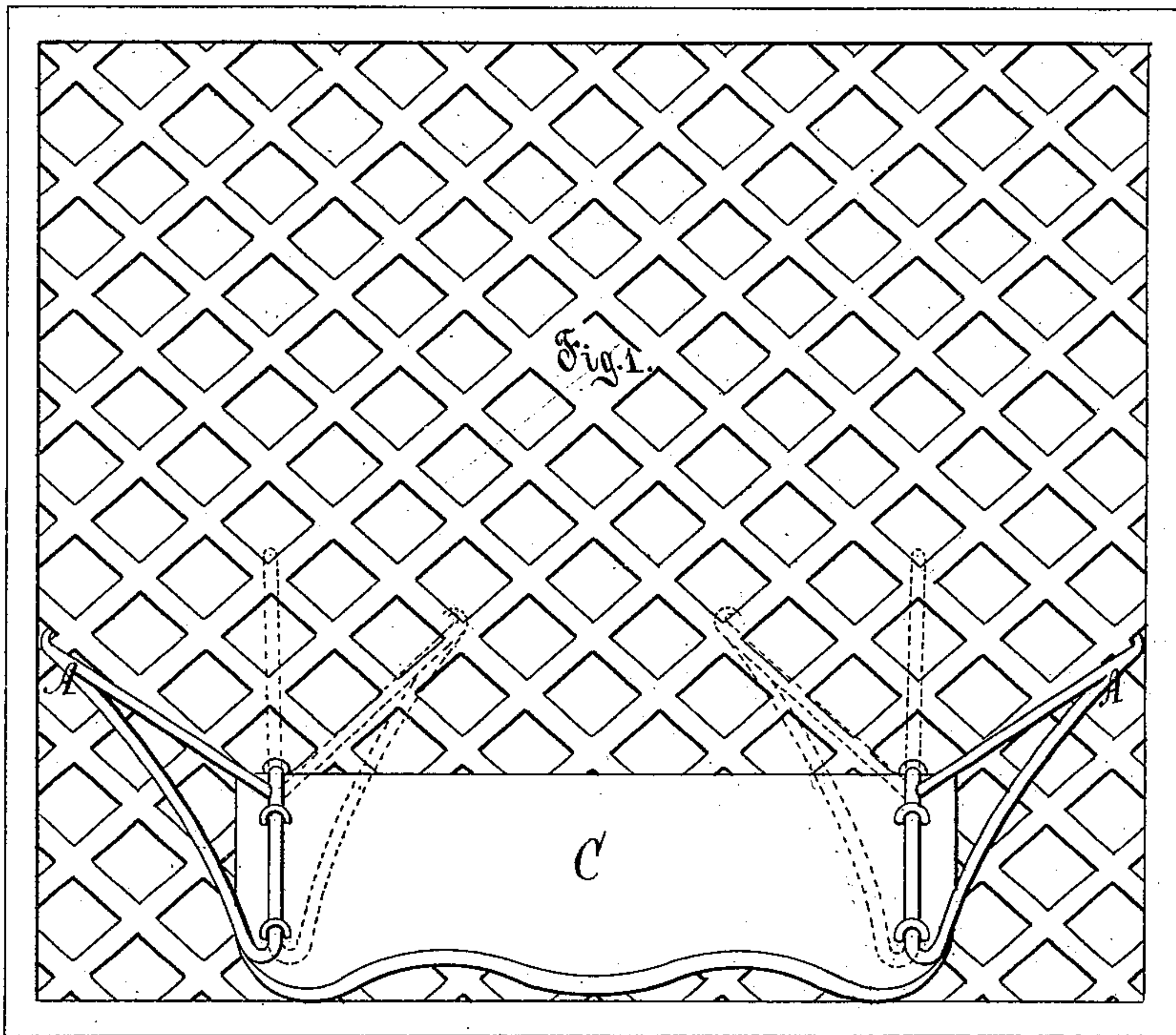


J. BONNET.
Adjustable Foot-Rest for Hot-Air Registers.
No. 200,429. Patented Feb. 19, 1878.



Witnesses:

Theodore H. Foster.
B. B. Clark.

Inventor:

Jacob C. Bonnet.

UNITED STATES PATENT OFFICE.

JACOB BONNET, OF NEW YORK, N. Y.

IMPROVEMENT IN ADJUSTABLE FOOT-RESTS FOR HOT-AIR REGISTERS.

Specification forming part of Letters Patent No. **200,429**, dated February 19, 1878; application filed October 4, 1877.

To all whom it may concern:

Be it known that I, JACOB BONNET, of the city, county, and State of New York, am the inventor of an Improvement in Adjustable Foot-RESTS for Hot-Air Registers, of which this is a specification, reference being had to the accompanying drawings, forming part of the same.

My invention relates to adjustable foot-rests for hot-air registers, placed or situated in the walls or firesides of houses, and is so constructed as to be capable of sustaining a considerable downward pressure when weight is applied, and which can be readily and easily adapted to any hot-air register placed in walls of houses for heating purposes, easily changed from register to register, and adjustable to any sized register.

In the drawings, Figure 1 represents a register with my foot-rest attached, said rest extended to its outmost limit. Fig. 2 represents one of the movable or adjustable arms or braces of my foot-rest.

A is the arm of my foot-rest, consisting of three minor arms or braces, D E F, all cast in one piece, and so adjusted to the platform as to be moved laterally. B is a socket-screw, which extends down through the plane or platform C, and is secured and held in place by the nut *b*. The head or socket of said screw *b'* passes over the lower part D of the arm A, holding said part in place, and allowing lateral motion of the said arm A. On the end of D, projecting beyond the surface of platform C, is a nipple, *d*, cast with the arm A, which serves to prevent contact of the platform C either with the register or the wall.

The platform C may be either of wood or iron, carved or molded in various designs or devices, as desired.

The arms A, cast in one piece, are of the size required, and may be made stronger and thicker, according to the strength required.

In Fig. 1, I show by dotted lines two of the adjustable positions of my foot-rest, one where the arms A are at right angles to the platform C, and the other where the arm is at less than a right angle with said platform. Of course, these positions of the arm A may be varied, more or less, according to the size of the register to which it is required to be fitted, and requires no previous modification or arrangement of the register to prepare it for the reception of the foot-rest.

In foot-rests, as heretofore constructed for hot-air registers, the arms by which the rest was adjusted and held in place extended outward in the same plane as the platform, and were less capable of bearing the pressure required to be borne, and would bend or break; also, the register must be prepared, before setting in the wall, so as to receive the rest.

In my invention the rest is so constructed as to bear greater weight, and needs no prearrangement of the register for its reception.

What I claim, and desire to secure by Letters Patent, is—

As a new article of manufacture, an adjustable foot-rest for hot-air registers, consisting of the platform C and arms A, secured by screw-sockets B, or their equivalents, as described.

Witness my hand this 27th day of September, 1877.

JACOB BONNET.

Witnesses:

GEORGE CONKLIN,
B. S. CLARK.