

No. 52,257.

PATENTED JAN. 30, 1866.

W. B. BARTRAM.
MODE OF ATTACHING CASTERS TO FURNITURE.

Fig: 1.

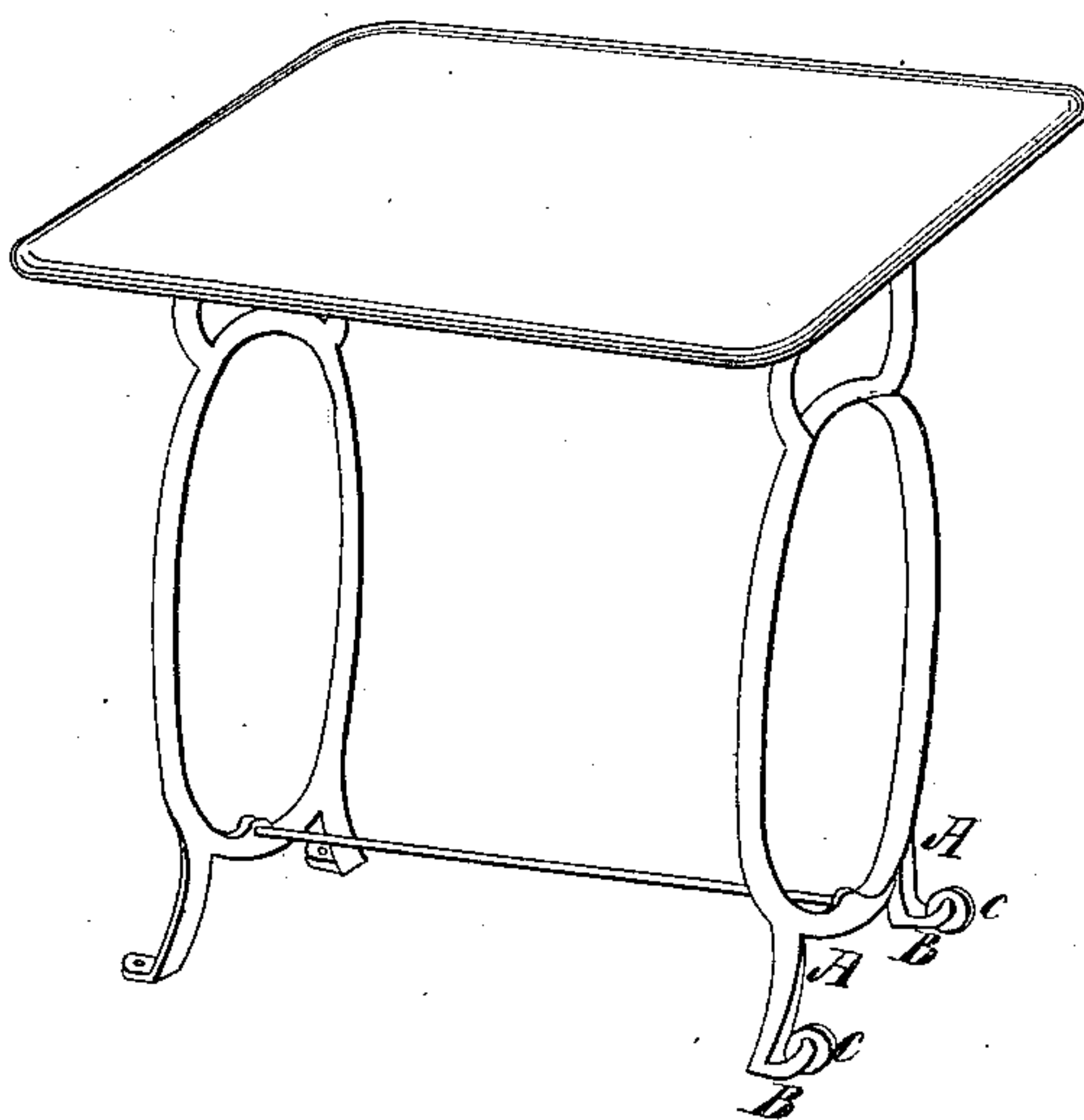


Fig: 2.

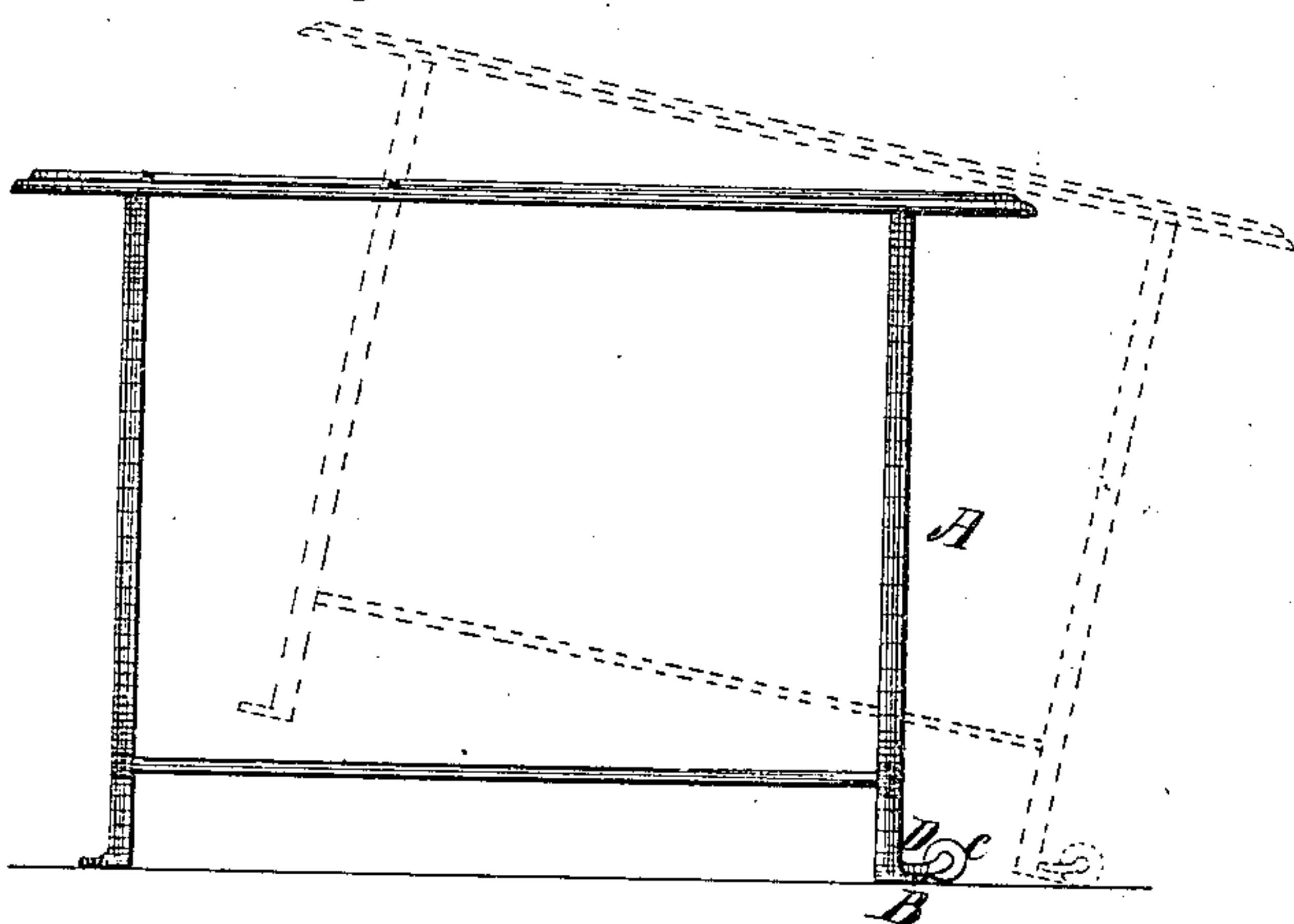
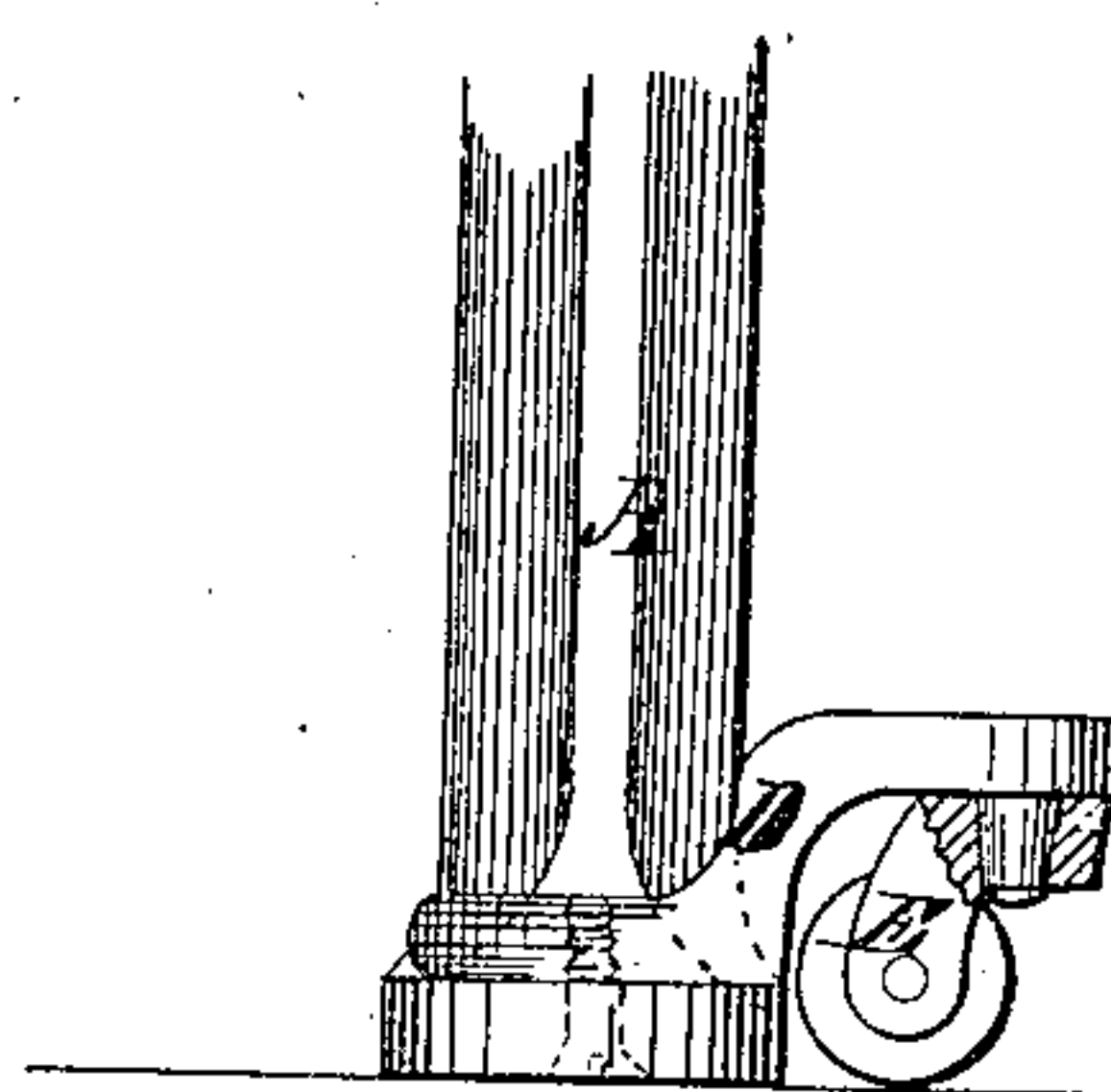


Fig: 3.



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UNITED STATES PATENT OFFICE.

W. B. BARTRAM, OF NORWALK, CONNECTICUT.

MODE OF ATTACHING CASTERS TO FURNITURE.

Specification forming part of Letters Patent No. 52,257, dated January 30, 1866.

To all whom it may concern:

Be it known that I, W. B. BARTRAM, of Norwalk, in the county Fairfield, in the State of Connecticut, have invented a new and useful Method of Attaching Rollers or Casters to Articles of Furniture; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a table with rollers attached according to my system. Fig. 2 is an elevation of a table for a sewing-machine with my rollers applied, operation shown in red lines. Fig. 3 is an enlarged view of a sewing-machine or other furniture leg with a caster-wheel attached according to my system.

The nature of my invention consists in so attaching or applying rollers or casters to the legs of furniture that when the article stands level upon its feet the rollers or casters will not touch the floor, but when one end or one side of the table be raised up a little the weight will rest upon the wheels or casters instead of the feet.

That others may understand the nature of my invention, I will more particularly describe it.

My invention is more particularly applicable and useful when applied to such articles as require to be moved frequently and yet require to stand very steady and firm upon the feet. Of this class may be mentioned, particularly, sewing-machines, which, when not in use, are commonly placed in a corner to be out of the way, but which require to be brought near the light when used. Articles of this kind are heavy and inconvenient to move, particularly so to the female members of the household, who are usually obliged to move the machine.

While it may be more especially useful upon the legs of sewing-machines, it is obvious that it is equally applicable to any other article of furniture or implement which requires to stand firm and steady upon its feet while in use, and yet is necessarily often moved from place to place.

A A are the legs of the table, and at each foot is a projection outward, B. This projec-

tion may be endwise or sidewise of the table, and it may be upon only two of the feet, if preferred, as when the table is being moved upon the rollers it can never rest upon more than two at one time.

At the outer end of the projection B the roller or caster-wheel C is attached in such a position and manner that the lower edge of the wheel will just fail to touch the floor when the table stands level, or with all its feet upon the floor. If, then, the opposite end or side of the table be raised, the weight will rest upon the wheels, and the article may be pushed forward upon the rollers to any part of the room desired.

If it is desired to attach rollers or casters to articles not originally designed for them, they may be attached by means of a suitable plate, D, Figs. 2 and 3. The roller C or caster E being first attached to the plate D, the latter is attached to the foot of the table by suitable means, as by screwing it fast, as represented.

I am aware that casters have been made adjustable, so that the table or other article of furniture should stand upon them or upon the solid feet, as desired.

I am also aware that two of the legs of an article of furniture have been provided with casters while the other two were not so provided, so that by raising one side the table might be wheeled upon the casters; but I am not aware that casters or plain rollers have ever been attached so that when level the solid feet should all touch, while when one side should be slightly raised the casters upon the opposite side should then receive the weight.

Having described my invention, what I claim is—

Applying rollers or casters to the feet of furniture-legs so that the said rollers or casters shall not touch the floor while the article of furniture is standing with the feet of all its legs resting thereon, but only when one side or end is raised up, as described.

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Witnesses:

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