

JOSEPH PECKOVER.
Improvement in Trivets.

No. 127,266.

Fig. 3.

Patented May 28, 1872.

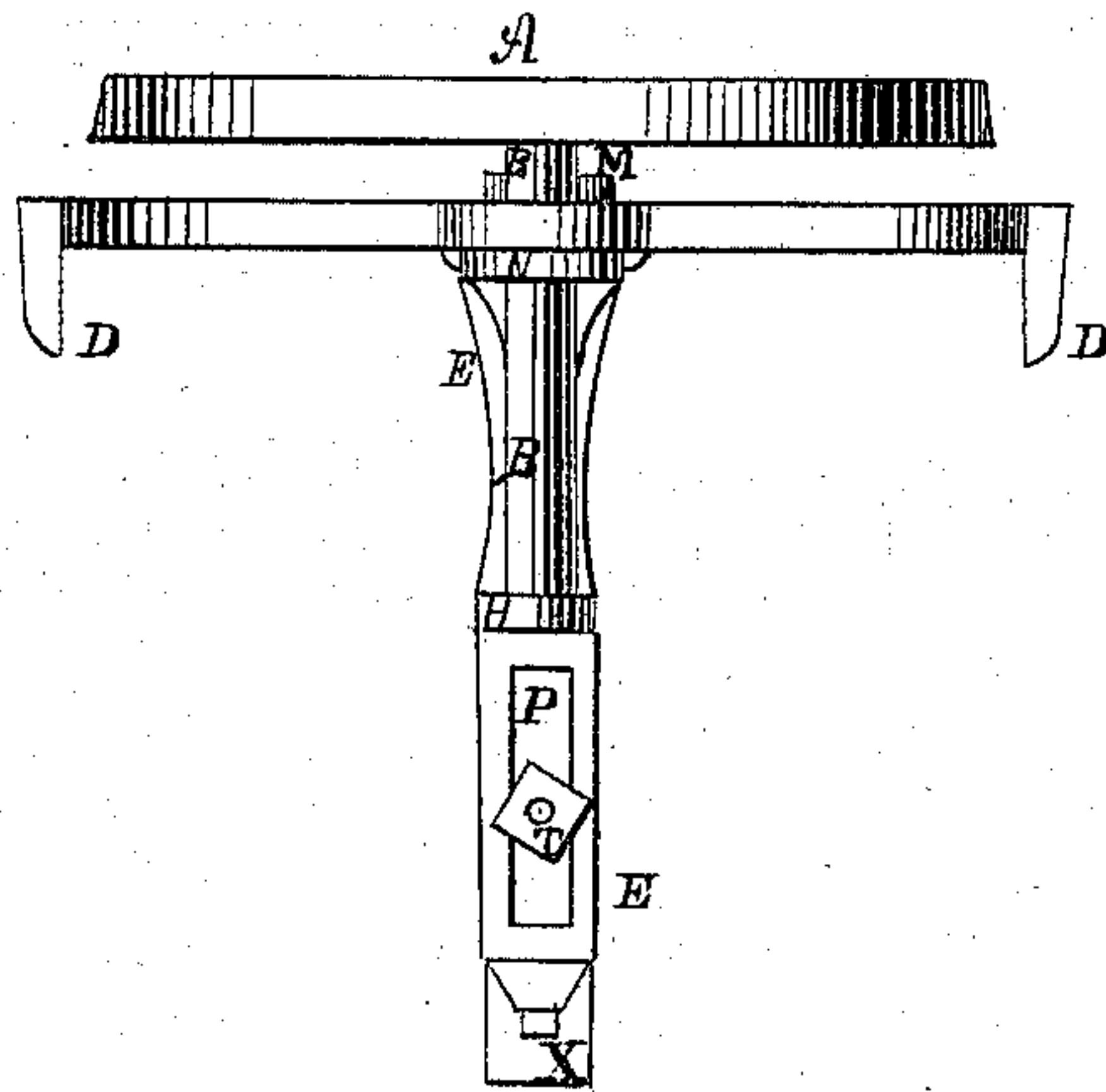


Fig. 2.

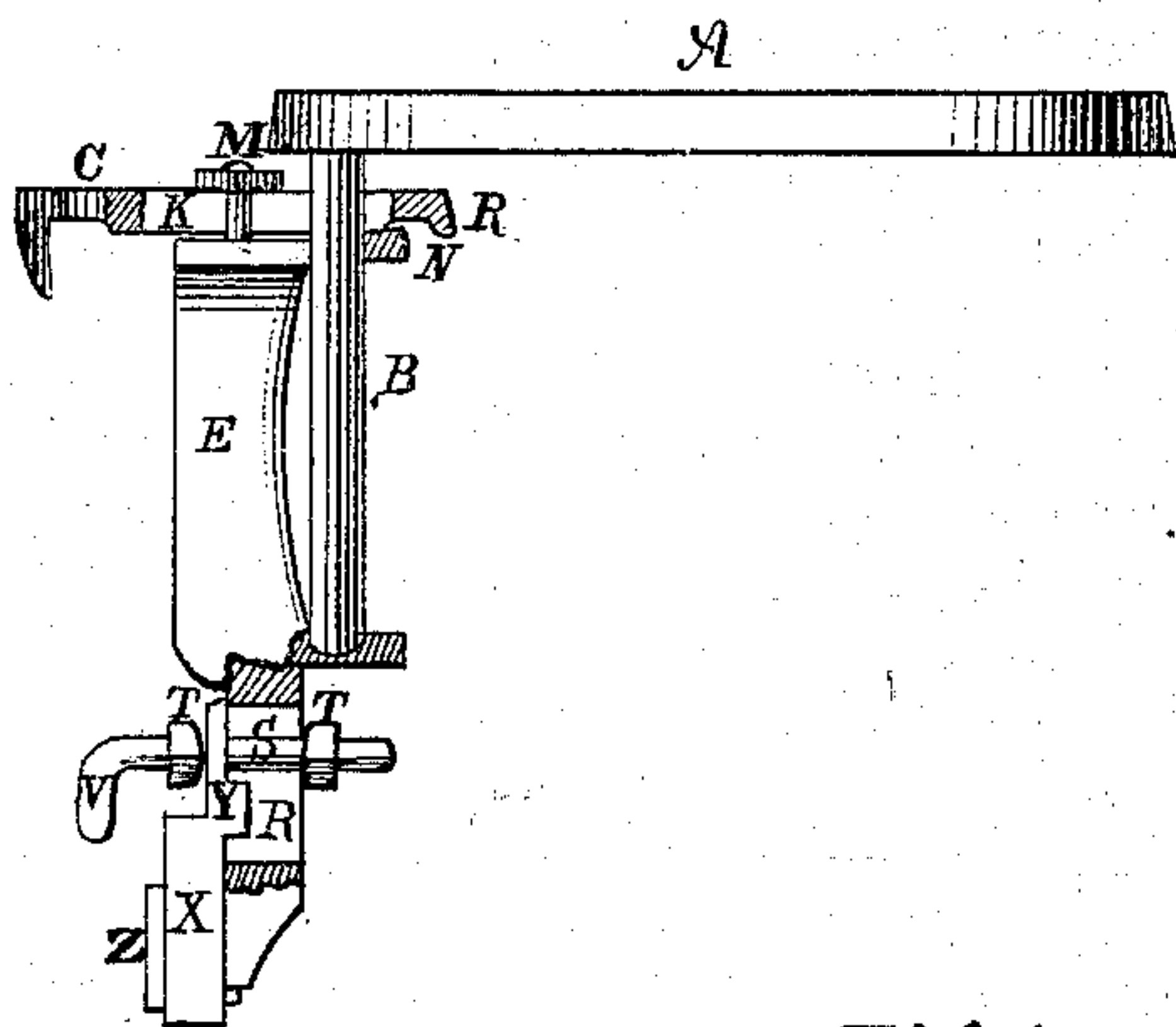


Fig. 4.

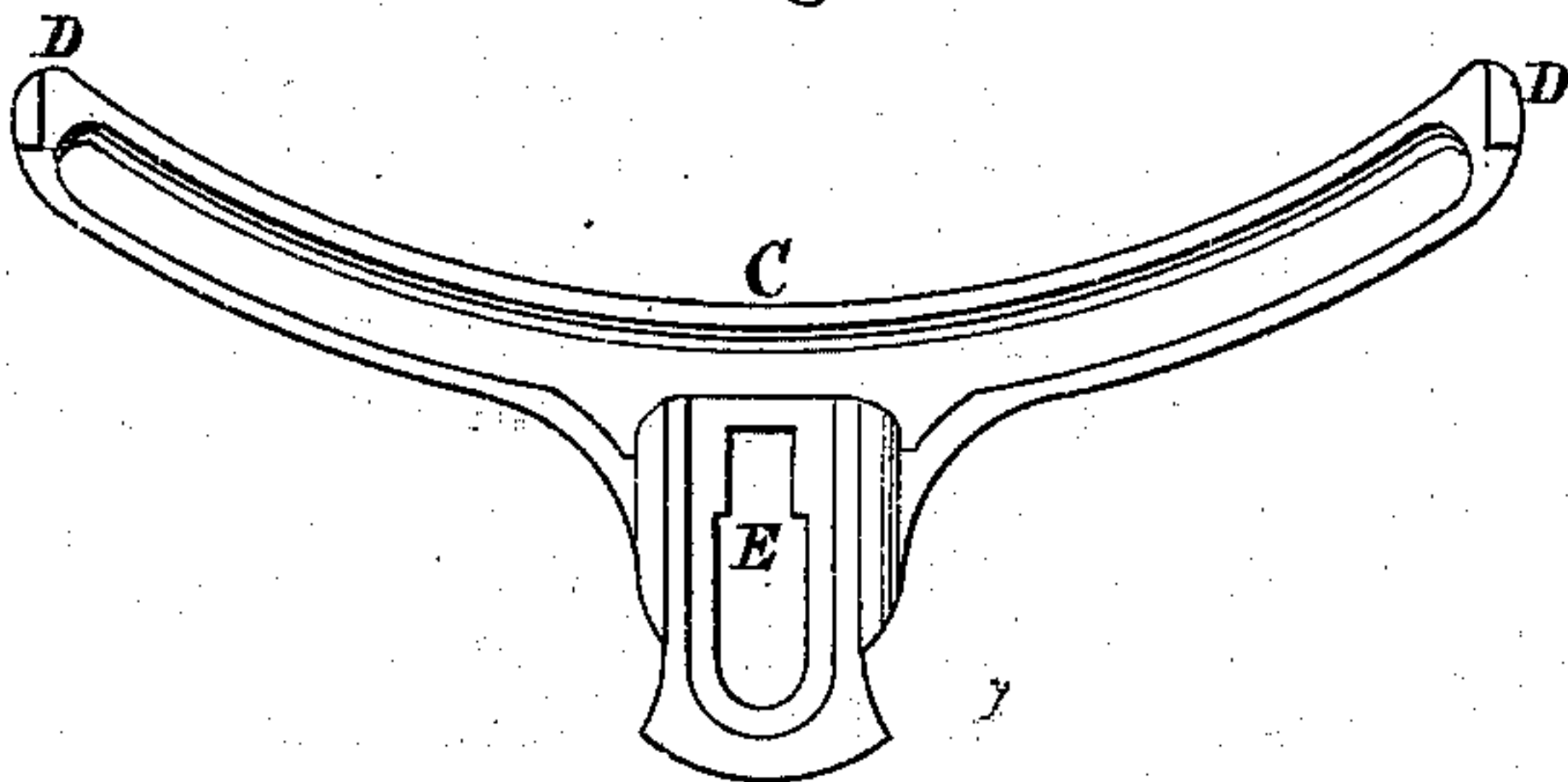
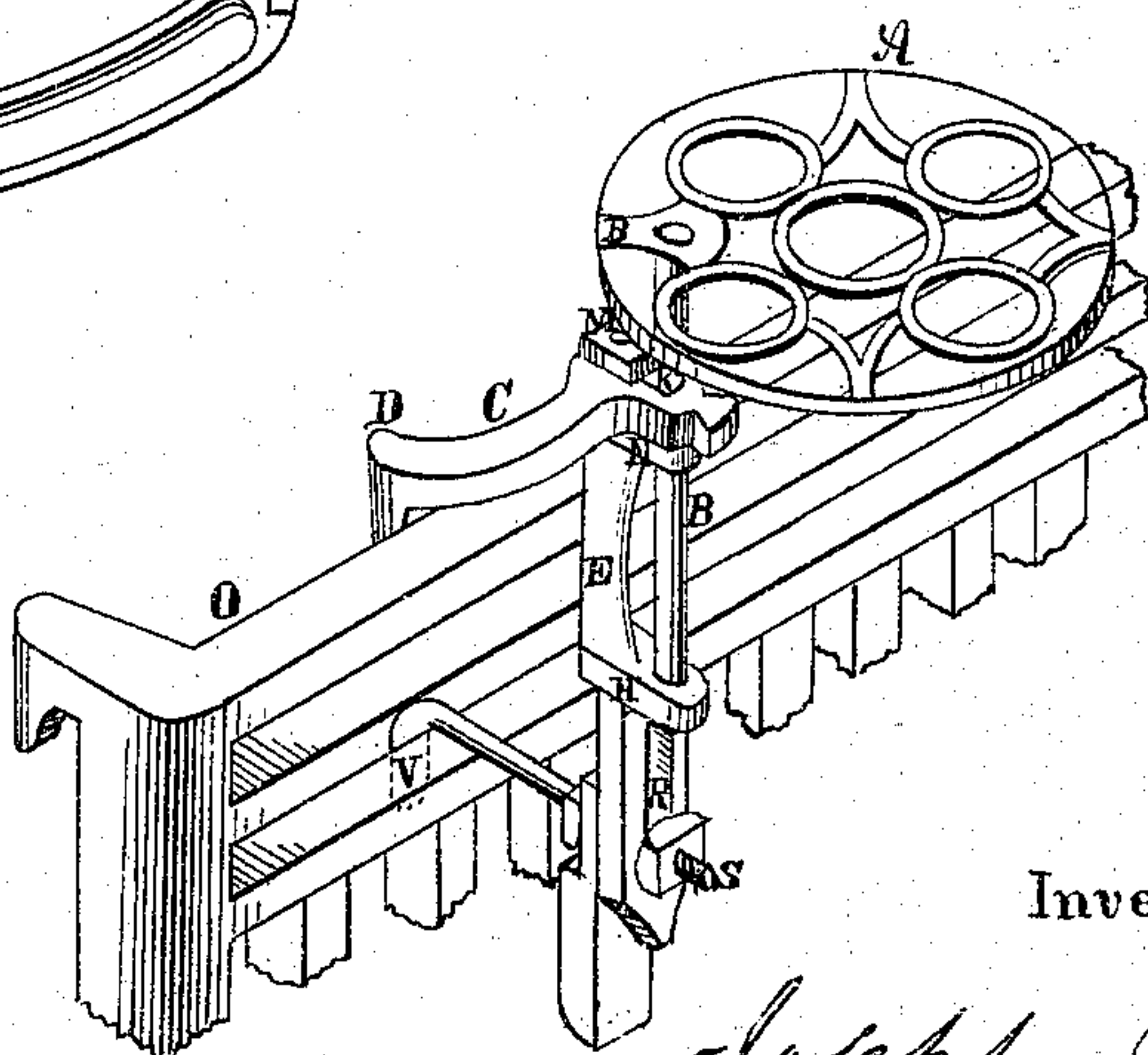


Fig. 1.



Attest.

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JOSEPH PECKOVER, OF CINCINNATI, OHIO.

IMPROVEMENT IN TRIVETS.

Specification forming part of Letters Patent No. 127,266, dated May 28, 1872.

I, JOSEPH PECKOVER, of the city of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Trivets, of which the following is a specification:

My invention relates to a device for holding a utensil in which liquids or solids are to be heated, and of presenting the same to the heat of a grate. This device, which I denominate a trivet, is adjustable to any grate. It occupies but little room. It permits the bottom of the kettle or other utensil to be placed directly over the fire, or turned away so that the heat from the fire strikes the side and bottom of the utensil obliquely. The ordinary trivet did not admit of placing the utensil over the fire.

In the accompanying drawing, Figure I is a view in perspective of the top, front, and side of my improved trivet as attached to a grate. Fig. II is a side elevation of the trivet, with portions of the device for adjusting the same broken away to show the method in which the various parts of the device are attached together. Fig. III is a rear elevation of the trivet. Fig. IV is a view of the under side of the slotted frame C.

A is the shelf of the trivet—here made round; but to be made of any desirable shape. In this shelf, near one edge, at B', a vertical axis, B, is attached; but it is immaterial where the axis is inserted in the shelf A. E is the standard, having at its top an arm, N, projecting forward. Near the middle of E a second arm, H, projects forward. Arm N is perforated to permit the passage of the axle through it. In arm H is bored a step to receive the heel of the axis B, and allow it to rotate therein. The arm H may, however, be perforated, and a shoulder upon the axis above arm N, and, resting upon such arm, form the bearing of the axis. C is a slotted frame, made as shown in Fig. 4, having at each extremity a hook, D, to hook over the upper grate-bar, and at its middle an arm, R, projecting forward. A slot, K, runs lengthwise in this arm and across the frame from front to rear. Upon the bottom of this arm are two flanges, placed sufficiently far apart to receive the head of the standard E, and allow it to slide forward and backward between them. The standard E is secured to the slotted frame C by a bolt fastened in the

head of the standard and passing through the slot K of the slotted frame C. This bolt is threaded, and a nut, M, is screwed onto it above the slotted frame. In the lower portion of the standard E, below the arm H, is a long slot, P, and lower down a recess for the reception of the flange of the guard X when the guard is lowered that distance. Through this slot passes a threaded rod, S, some two and a half inches in length, having on its rear end a hook, V, of sufficient size to firmly grasp a grate-bar. A guard, X, fits into this slot by means of a flange, Y, Fig. 2. Through the upper end of the guard, X, is a hole, through which passes the rod S. A nut, T, on rod S behind the guard X, and a second nut, T, on this rod S in front of the standard E, when screwed up, hold the rod, guard, and standard securely together. The guard X may, if desired, be dispensed with. Its absence would not materially alter my invention.

Having described the several parts of my device, I will now describe its method of adjustment and of operation. The shelf with its axis B being removed from the standard, the two hooks D D of the slotted frame C are placed, as shown in Fig. III, over the upper bar of the grate selected to support the trivet. By means of the nuts T T the lower hook V is adjusted so as to grasp one of the lower grate-bars. This adjustment is effected by loosening one of the nuts T, and by raising or lowering the rod S, as desired, in the slot P, and then retightening the loose nut T. By turning the two nuts T T the guard can be so adjusted that the lower bar will then be grasped on one side by the hook V, and on the other by the projection Z on the guard X. The nut M on the screw-bolt at the head of the standard E is then loosened, and the head of the standard is pushed toward the upper grate-bar, the screw-bolt in the meantime moving in the slot K until such bar is firmly held between the hooks D D of the slotted frame C and the head of the standard E, whereupon the nut M is tightened. The supporting device is now adjusted to the grate. The axis B of the shelf is now passed down through the slot K of arm R, and through the hole in the arm N of the standard, and the heel end of the axis is placed in the step in the arm H. The trivet is now ready for use. A utensil to be heated is placed

upon the shelf. The shelf can be turned within the grate over the fire so that the entire shelf, or as much of the same as is desired, may be placed over the fire, or the shelf may be turned entirely away from the grate. When not needed the shelf may be removed from the standard, with its accompanying devices remaining attached to the grate. These latter can also at pleasure be removed from the grate in a few moments, and as rapidly readjusted to the same.

What I claim as new is—

1. The slotted frame C, provided with hooks for securing the upper part of the standard to the grate, said frame being constructed and attached to the standard, substantially as described.

2. The rod S and hook V, longitudinally

and vertically adjustable, for securing the lower part of the standard to the grate, substantially in the manner described.

3. The standard E secured to the grate, substantially as described, in combination with axis B of shelf A, substantially as and for the purposes specified.

4. The combination of the shelf A, axis B, slotted frame C, standard E, and rod S provided with hook V, with or without guard X, substantially as and for the purposes specified.

5. The loose sliding guard X for the purpose of adjusting the hook V, substantially as described.

JOSEPH PECKOVER.

Witnesses:

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J. TWOHIG.