

B. F. Ryder,

Sewing Machine Claster.

No. 101,924.

Patented Apr. 12, 1870.

Fig. 1.

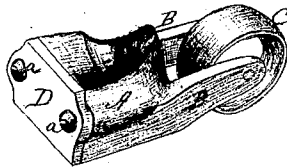
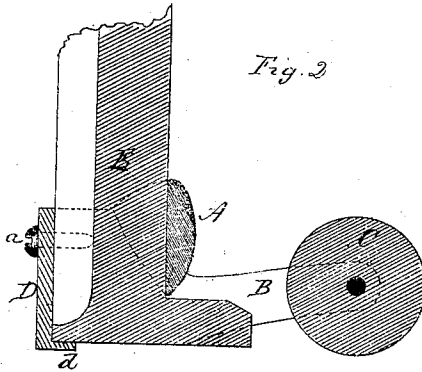


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN CASTERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **101,924**, dated April 12, 1870.

To all whom it may concern:

Be it known that I, BENJAMIN F. RYDER, of New York, in the county of New York and State of New York, have invented a new Improvement in Sewing-Machine Casters; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in

Figure 1 a perspective view, and in Fig. 2 a vertical central section, showing the application of the caster to sewing-machine legs.

This invention relates to a caster as a new article of manufacture, constructed so as to be attached by a clamping device to the leg of a sewing-machine; and the invention consists in the construction of a yoke with lugs to receive the trunnions of the wheel, the said yoke formed to fit the leg of the machine at the foot, and provided with a clamping-bar, by which the yoke is bound to the leg of the machine, grasping it above the bottom.

A is the yoke, constructed so as to fit the leg of the machine at the foot, and provided with projecting arms B B to receive and support the wheel C, and to the yoke is fitted a bar, D, secured by screws *a*.

To attach the caster the clamping-bar D is removed or loosened, so that the yoke A may

be set onto the leg E of the machine, and the clamping-bar, by means of the screw *a* upon the back side of the leg, draws the yoke hard down and binds it firmly to the leg, the wheel C being in such relative position to the yoke that it will lie flush, or very nearly so, with the floor, so that by slightly tipping the machine the weight is thrown onto the wheel, or when free the table will rest on the foot of the leg.

In order to more securely hold the yoke in position, I form upon the lower edge of the clamp D a flange, *d*, projecting under the leg, as seen in Fig. 2.

For machines in which the leg is of different form the yoke must be constructed accordingly; but all machines of the same make are so nearly alike that one form or pattern for the yoke will fit the legs of all machines. I do not broadly claim the employment of a yoke; but

I claim as my invention—

As an article of manufacture, the herein-described caster, consisting of the yoke A, with arms B B to support the wheel C, and provided with the clamping-bar D, the whole constructed so as to be applied in the manner described, and with or without the flange *d*.

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Witnesses:

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