

G. E. Grosse,

Castor.

No. 102253.

Patented Apr. 26. 1870.

Fig. 1

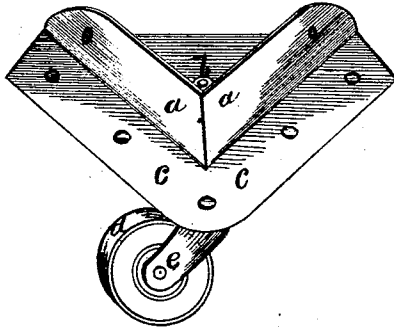
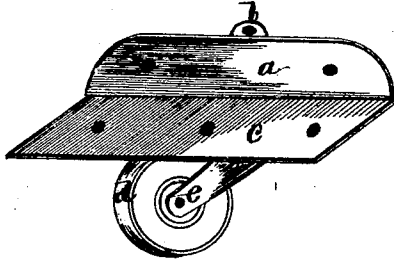


Fig. 2



Witnesses
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GUY E. GROSSE, OF MASSILLON, OHIO.

Letters Patent No. 102,253, dated April 26, 1870.

IMPROVEMENT IN CASTERS.

The Schedule referred to in these Letters Patent and making part of the same

Be it known that I, GUY E. GROSSE, of Massillon, county of Stark and State of Ohio, have invented a new and useful Improvement in Casters; and I do hereby declare that the following is an exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

My invention consists in constructing caster-plates with flanges, either rectilinear or of any required angle, in such a manner as to insure greater strength, and a more complete fit against a corresponding surface on the inside of angular or rectilinear-footed furniture, than can be obtained by the old method.

To enable others skilled in the art to make and use my invention, I will describe its construction and operation.

a a, Figure 1, represent an angular flange of metal, vertical, with and solidly fixed upon the base-plate *c c*. Both plate and flange are perforated for wood-screws, with which to fasten against the inside and on the bottom of corner-footed furniture.

At *b*, and inside of the corner of said flange, is seen the bearing in which the axle freely turns, as in ordinary casters.

e represents the lower end of the bearing, and *d*, the wheel.

The bearing *b*, flange *a a*, and plate *c c* are cast in piece.

Figure 2 represents the right-line form of said flange, and, is simply but one side of it, and, by removing the bearing *b* to the middle, the article is properly made for straight-lined furniture. The means for fastening with wood-screws are similar in both cases.

This method enables persons possessing furniture with feet of angular or straight-line form to fasten their casters on in a firm and enduring manner.

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

The improved caster for furniture of the class described, when its plate *O* is provided upon the upper surface with the angular or straight vertical flange *a a*, arranged and applied to furniture in the manner described, for the purpose specified.

GUY E. GROSSE.

Witnesses:

ERNEST WISSMAR,
KENT J. CHASE.