

No. 673,458.

Patented May 7, 1901.

R. D. SMITH.  
GUARD CASTER.

(Application filed Apr. 3, 1900.)

(No Model.)

Fig: 1.

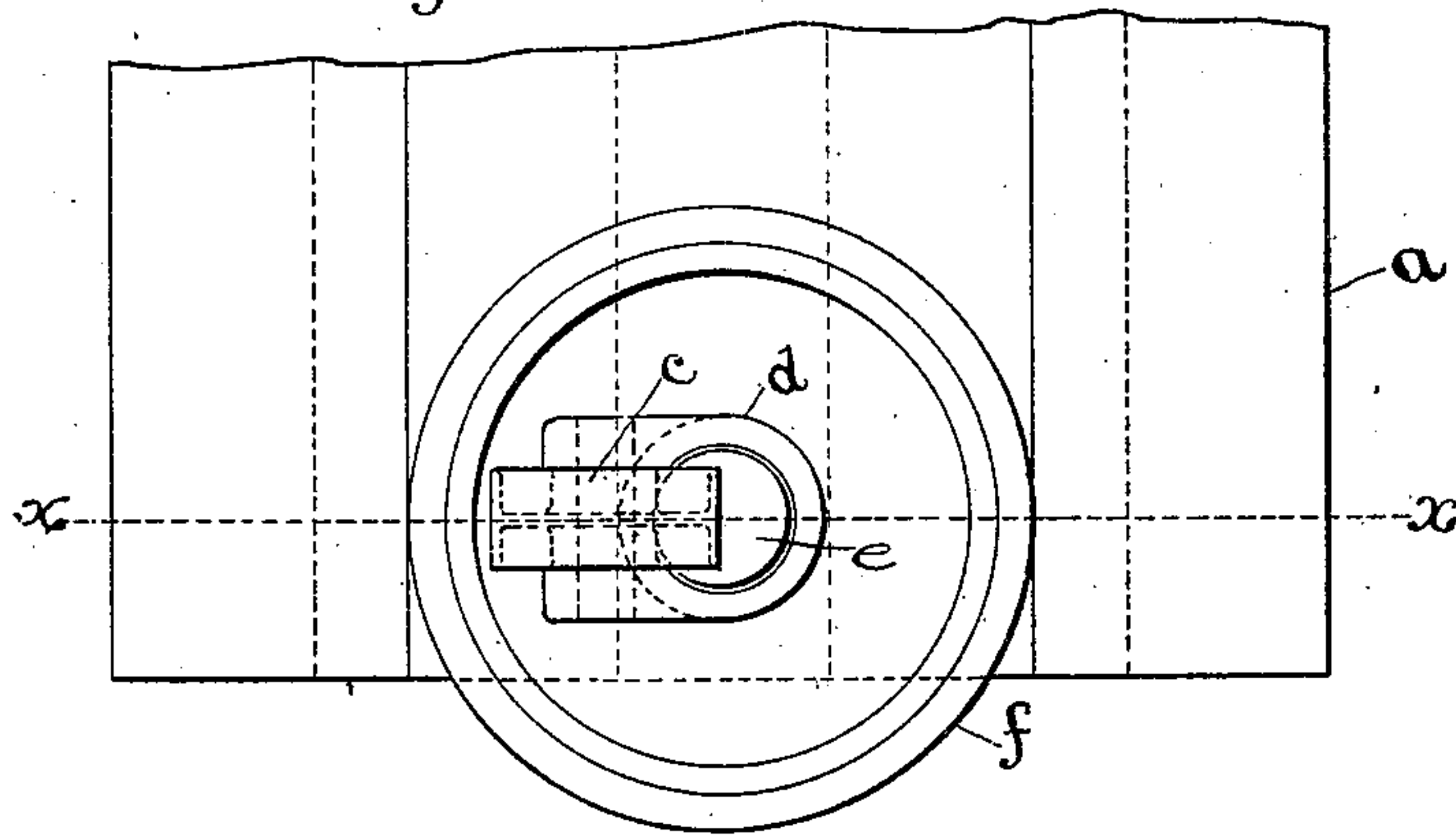
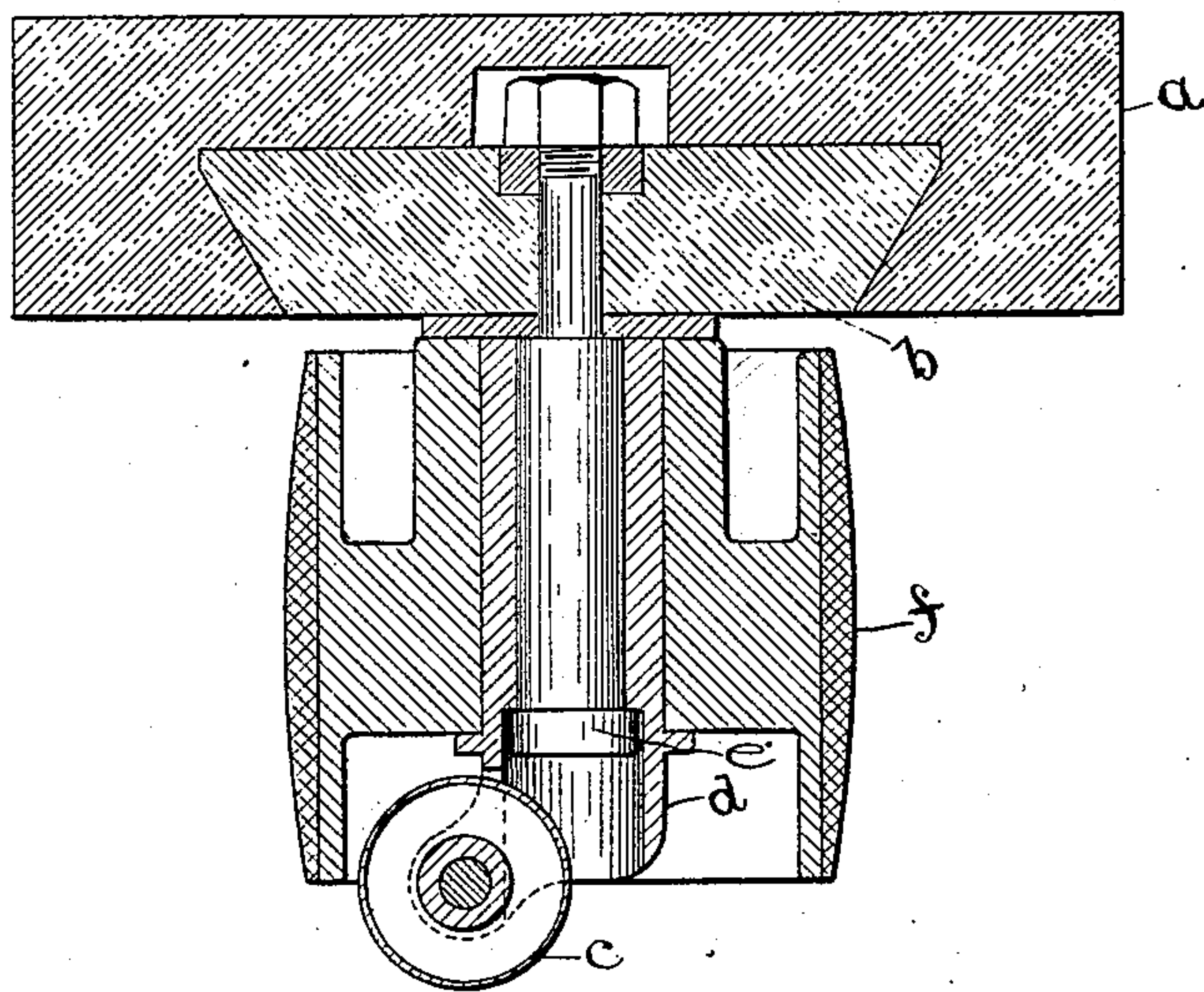


Fig: 2.



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# UNITED STATES PATENT OFFICE.

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## GUARD-CASTER.

SPECIFICATION forming part of Letters Patent No. 673,458, dated May 7, 1901.

Application filed April 3, 1900. Serial No. 11,341. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT D. SMITH, a citizen of the United States of America, residing and having post-office address at Hartford, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Guard-Casters, of which the following is a description, reference being had to the accompanying drawings, wherein—

10 Figure 1 is an elevational view of parts embodying said improvement. Fig. 2 is a view in horizontal section of the parts shown in Fig. 1, the plane of the section being denoted by the dotted line *x x*.

15 The object of the improvement is the production of a caster adjustable in position and having a rotary peripheral guard.

20 In the accompanying drawings the letter *a* denotes a part of any structure to which it may be desirable to attach a device such as is herein described.

25 The letter *b* denotes a base for the attachment thereto of the guard-caster, that part *b* being in shape like a dovetailed tenon and fitting into a correspondingly-dovetailed mortise in the structure *a*, this for the purpose of giving the whole device vertical adjust-

ment or movability with reference to the structure *a*.

The letter *f* denotes a rotary caster-wheel 30 rotarily hung on the support *d*, which support is rotary upon the headed bolt *e*, which is borne by the part *b*.

The letter *c* denotes a guard-wheel which is hung rotarily on the support *d*, its rotation 35 being at right angles to and exteriorly of the path of the rotation of the caster-wheel *f*.

In operation the wheel *f* rests upon a floor or the like, and the wheel *c* is intended as a guard in striking against a vertical surface. 40

I claim as my improvement—

1. In combination; the caster-wheel *f* journaled on the sleeve *d*; the sleeve *d* journaled on the bolt *e*; and the guard-wheel *c* rotarily hung to the part *d*. 45

2. In combination; the caster-wheel *f* journaled on the sleeve *d*; the sleeve *d* journaled on the bolt *e*; the guard-wheel *c* rotarily hung to the part *d*; and the movable part *b* supporting the bolt *e*.

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