

L. Horton & J. A. McGaw,

75017 *Imp^d Trunk Castor.*

Fig. 1.

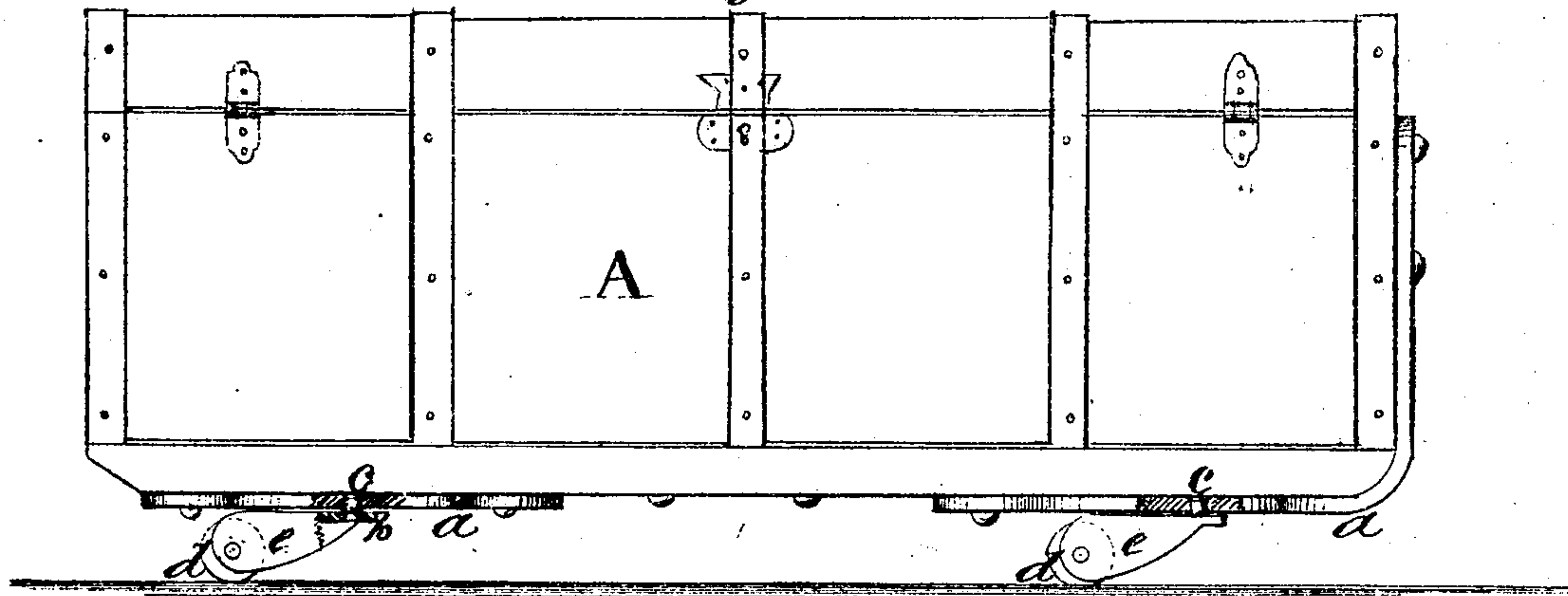


Fig. 2.

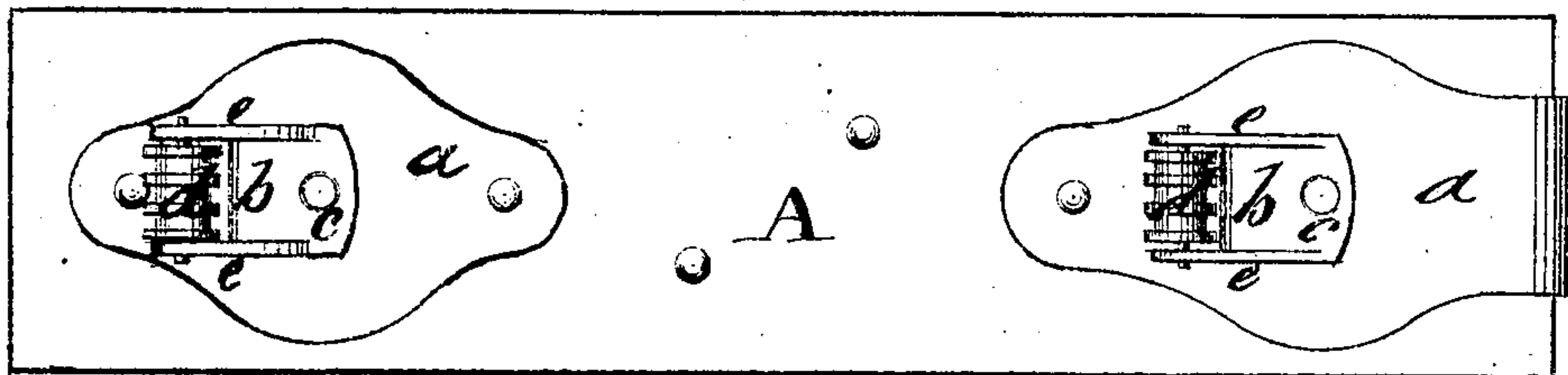
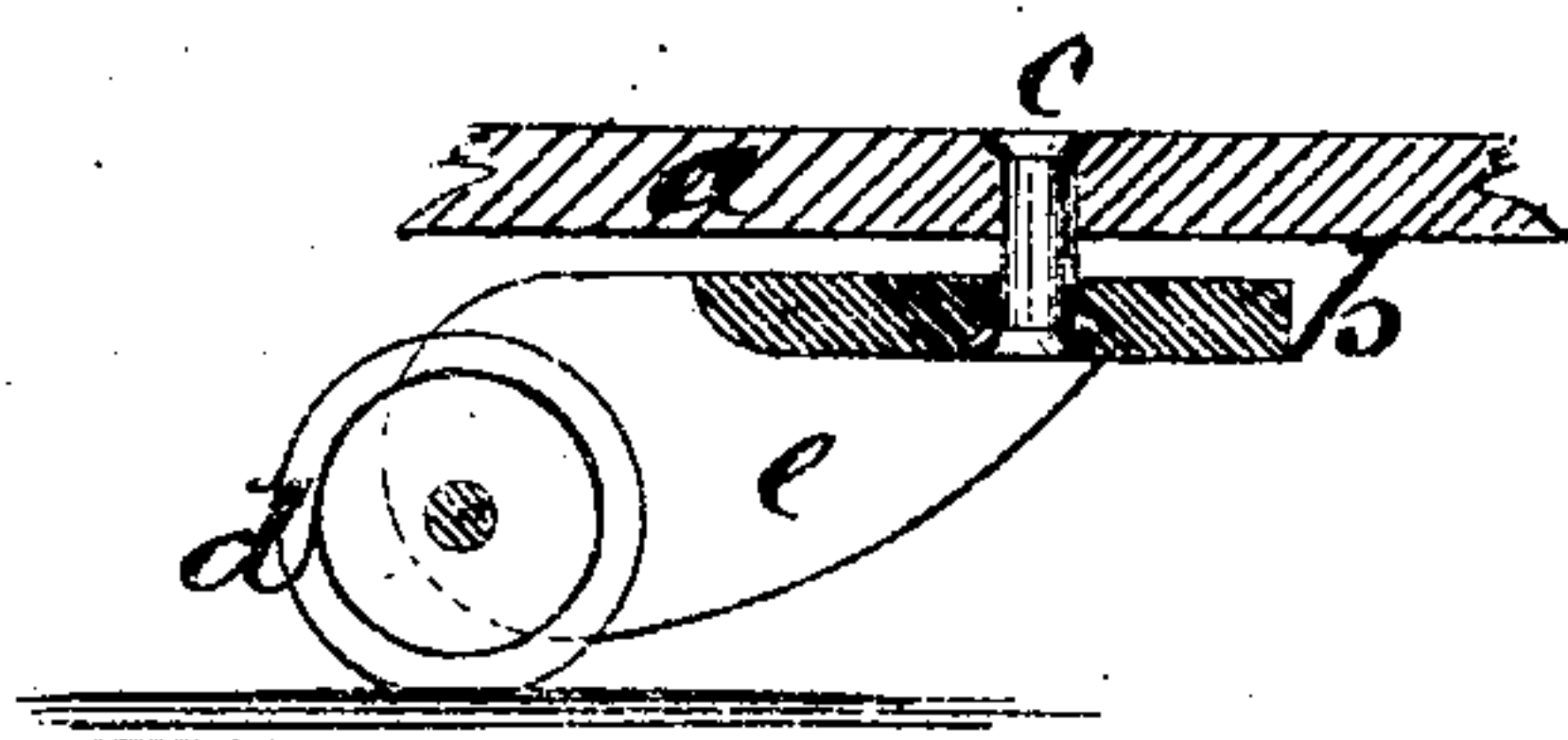


Fig. 3.



PATENTED

MAR 3 1868

Witnesses.

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United States Patent Office.

LEWIS HORTON AND JOSIAH A. McGAW, OF MANCHESTER, NEW HAMPSHIRE.

Letters Patent No. 75,017, dated March 3, 1868.

IMPROVED TRUNK-CASTER.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, LEWIS HORTON and JOSIAH A. McGAW, of Manchester, in the county of Hillsborough, and State of New Hampshire, have invented a new and improved Trunk-Caster; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front view of a trunk provided with our improved corrugated swivel-casters.

Figure 2 represents a bottom view of the same.

Figure 3 represents a detached section of the caster.

Similar letters of reference indicate corresponding parts.

This invention relates to an improvement in the construction and arrangement of casters for trunks and other similar articles, and consists in a corrugated caster-roller hung in a frame that is swivelled on a pivot rigidly fastened to a plate that is attached, by nails or screws, to the bottom of a trunk or other article, as hereinafter described.

The ordinary caster is attached to a frame with a shank that revolves in a ferrule or socket, and is easily broken and got out of order by the leverage strain upon the shank. To obviate this difficulty, we have devised a caster, the frame of which revolves on a fixed pivot fastened to a plate, and, at the same time, bears flat upon the smooth surface of the plate, whereby the weight of the trunk is supported without any strain on the caster to bend or break it.

A represents a trunk, on which is fastened a smooth metal plate, *a*, in which is set and fixed a pin, *c*, on which is pivoted a flat-bottomed caster-frame, *b*, for supporting the corrugated roller *d*, that is hung in the sides *e e*. It will be observed that the bottom of the caster-frame *b* rests always upon the plate *a*, when it turns on the fixed pivot-pin *c*, and thus prevents any strain on the caster, so that a trunk or other article to which it is applied may be moved about in any direction without danger of breaking the caster.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The trunk-caster, consisting of the plate *a*, to which the plate *b* is hung by the pin *c*, said plate bearing between the two arms *e* the corrugated roller *d*, all constructed as described, whereby the plate *a* is secured in place without the pin *c* entering the bottom of the trunk, and the plate *b* allowed to revolve in contact with the plate *a* without leverage, as herein shown and described.

The above specification of our invention signed by us, this 30th day of November, 1867.

LEWIS HORTON,
JOSIAH A. McGAW

Witnesses:

H. D. LORD,
EBEN CARR.