

(No Model.)

L. A. EBERHARDT.
TOY.

No. 577,730.

Patented Feb. 23, 1897.

FIG. 1.

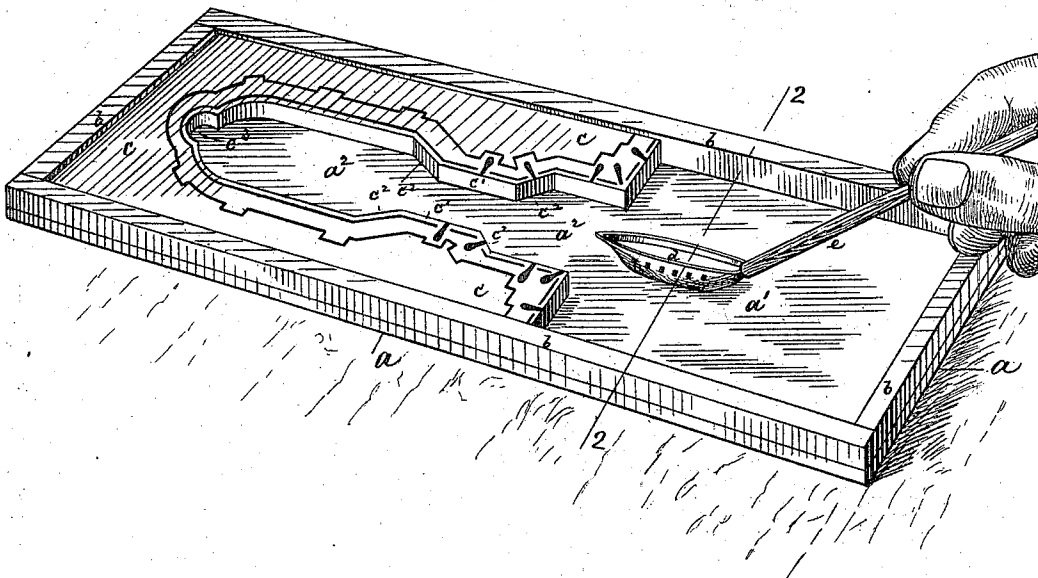
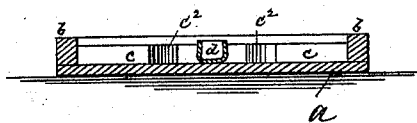


FIG. 2.



Witnesses:

John Becker.

William Schulz.

Inventor:

Louis A. Eberhardt

by his attorney

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UNITED STATES PATENT OFFICE.

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SPECIFICATION forming part of Letters Patent No. 577,730, dated February 23, 1897.

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To all whom it may concern:

Be it known that I, LOUIS A. EBERHARDT, of New York city, New York, have invented an Improved Toy, of which the following is a specification.

This invention relates to a toy of novel construction and in which a metallic body is to be moved along a base-plate between the two shanks or poles of a horseshoe magnet until it arrives at the center of the magnet. Owing to the attraction exerted by both magnet-shanks upon the moving body, the latter is liable to be deflected to the right or left and out of its course, so that considerable skill is required to properly manipulate the toy.

In the accompanying drawings, Figure 1 is a perspective view of my improved toy. Fig. 2 is a cross-section on line 2 2, Fig. 1.

The letter *a* represents a base-plate of an open shallow box, of which *b* is the side or rim. Within one end of the box *a* there is secured a horseshoe magnet *c*, the poles of which point to the free or unoccupied section *a'* of the box, so that the channel *a''*, inclosed between the magnet-shanks, merges into the section *a'*. The inner edges of the magnet-shanks are provided with inwardly-projecting shoulders *c'*, having beveled edges *c''*, and forming a narrow passage between them. At

the center of the magnet a notch or "harbor" *c³* may be provided.

A small metallic object *d*, such as a boat, is placed upon the free section *a'* of the base-plate and is moved by a stick *e* between the magnet-shanks and into the harbor. Owing to the attraction exerted upon the object *d* on both of its sides, it is very liable to be deflected out of its course and to contact with the magnet, so that it is a feat requiring considerable skill to pilot the object *d* clear and free to its harbor.

What I claim is—

1. A toy composed of a base-plate, a superposed horseshoe magnet and a metallic object adapted to be moved along the base-plate and between the magnet-shanks, substantially as specified.

2. A toy composed of a base-plate, a horseshoe magnet having inwardly-projecting shoulders and partly covering the base-plate, and a metallic object adapted to be moved along the base-plate and between the magnet-shanks, substantially as specified.

LOUIS A. EBERHARDT.

Witnesses:

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