No. 792,130. PATENTED JUNE 13, 1905.

P. HEFTLER.

TOY.

APPLICATION FILED MAR. 9, 1904.

FIG. 1.

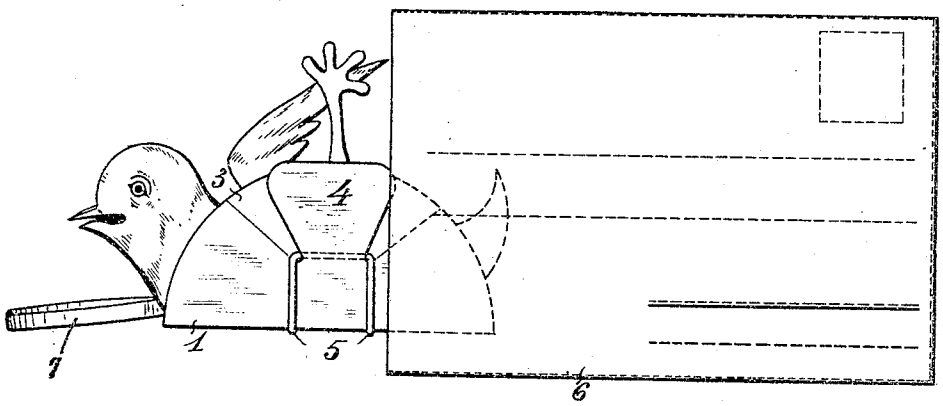
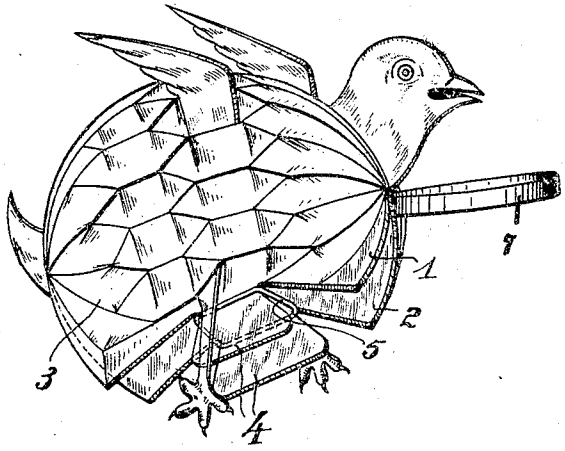



FIG. 2.




Witnesses,
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No. 792,130. Patented June 13, 1905.

# UNITED STATES PATENT OFFICE.

PHILIPP HEFTLER, OF VIENNA, AUSTRIA-HUNGARY, ASSIGNOR TO EMIL STORCH, OF VIENNA, AUSTRIA-HUNGARY.

## TOY.

SPECIFICATION forming part of Letters Patent No. 792,130, dated June 13, 1905.

Application filed March 9, 1904. Serial No. 197,237.

*To all whom it may concern:*

Be it known that I, PHILIPP HEFTLER, factory manager, a subject of His Majesty the Emperor of Austria-Hungary, residing at Vienna, in the Empire of Austria-Hungary, have invented certain new and useful Improvements in and Relating to Toys, of which the following is a specification.

This invention relates to toys which in addition to affording amusement may be employed for advertising and other purposes.

A toy embodying the invention comprises, essentially, stiff base members foldably connected together, a compressible material interposed between the members, and elastic means connecting the members together opposite the fold, the arrangement being such that when the members are folded together or closed and retained the interposed material is compressed between them and the elastic means are extended; but when the members are released they and the interposed material fly apart or open under the influence of the elastic means.

For retaining the toy in the closed or folded position any convenient device may be employed, such as an envelop, a letter-card, or the like, or a clamp or other similar fastening.

The toy may take many forms, according to the shape and arrangement of the base members and of the nature and disposition of the compressible material. Thus it may be designed to represent any desired figure or article—for example, vases, balls, balloons, fruits, useful articles, animals, human bodies, and the like—either by itself or in conjunction with projecting parts representing heads, wings, feet, handles, and so on.

Also the invention may be applied to accordion-like articles, such as Chinese lanterns.

The invention will now be fully described with reference to the accompanying drawings, which, by way of example, show the toy as representing a fowl and the retaining device as a letter-card.

In the drawings, Figure 1 is a view illustrating the toy in the closed or folded position and on the point of being withdrawn from the card, while Fig. 2 shows the toy in the position it assumes on being released from the card.

1 and 2 are the base members, which, as shown clearly in Fig. 1, are of a semicircular shape and may be of cardboard or any other suitable material.

3 is the compressible material, which is of comb-like arrangement and is preferably constructed of tissue-paper.

The material 3 is connected to and between the members 1 and 2, its assemblage along the diameters thereof serving as the line about which they turn in closing and opening. To the material 3 the head, feet, wings, and tail are attached.

Each of the members 1 and 2 is provided with a projection 4 of dovetail or similar form, and these projections are embraced by an elastic rubber band 5, which thus effects the elastic connection opposite the line of fold. The band 5 can be readily displaced and replaced.

When folded or closed, the toy can be easily inserted into the card 6, as will be obvious from Fig. 1, while when withdrawn it flies apart, as represented in Fig. 2, and depicts the fowl, the material 3 opening out or expanding and forming the body.

For readily withdrawing the toy it may be provided with a tab 7.

From the foregoing example other forms and applications of the invention will be readily understood without specific illustration.

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

1. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, and elastic means connecting said base members together opposite the line of fold, substantially as described.

2. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, elastic means connecting said base members together opposite the line of fold, and a retaining device holding said base members together in

opposition to said elastic means, substantially as described.

3. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, elastic means connecting said base members together opposite the line of fold, projections on said base members which are embraced by said elastic means, and a retaining device holding said base members together in opposition to said elastic means, substantially as described.

4. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, elastic means connecting said base members together opposite the line of fold, and representative projecting parts on said compressible material, substantially as described.

5. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, and an elastic rubber band connecting said base members together opposite the line of fold, substantially as described.

6. In a toy, the combination of stiff base members foldably connected together, a mass of tissue-paper of comb-like arrangement interposed between said base members and connected thereto, and elastic means connecting said base members together opposite the line of fold, substantially as described.

7. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, elastic means connecting said base members together opposite the line of fold, and a retaining device inclosing said base members and holding them together in opposition to said elastic means, substantially as described.

8. In a toy, the combination of stiff base members foldably connected together, a compressible material interposed between said base members and connected thereto, elastic means connecting said base members together opposite the line of fold, and a clamp retaining said base members together in opposition to said elastic means, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PHILIPP HEFTLER.

Witnesses:
WENZEL LINKEFURG,
ALVESTO S. HOGUE.