

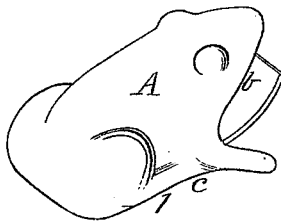
E. DURAND.

TOY FROG.

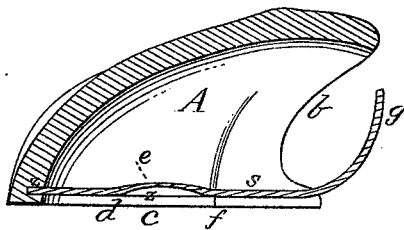
No. 188,875.

Patented March 27, 1877.

*Fig. 1.*



*Fig. 2.*



WITNESSES

*Villette Anderson*  
*Howard Lively*

INVENTOR

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# UNITED STATES PATENT OFFICE

EMILE DURAND, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN TOY FROGS.

Specification forming part of Letters Patent No. 188,875, dated March 27, 1877; application filed January 13, 1877.

*To all whom it may concern:*

Be it known that I, EMILE DURAND, of Philadelphia, in the county of Philadelphia, and State of Pennsylvania, have invented a new and valuable Improvement in Toy Croaking Frogs; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of this invention. Fig. 2 is a vertical longitudinal section of the same.

This invention has relation to toy frogs; and it consists in the construction and novel arrangement, in connection with the hollow metallic body, of a croaking-spring attached to said body, and extending upward in front of the open throat portion, as hereinafter shown and described.

In the accompanying drawings, the letter A designates the metallic body casting, having the general exterior form of a frog. This body is made hollow, and open at the throat *b*, and also at the base *c*, which is somewhat rectangular in form, and is provided with a base-flange, *d*, extending inward under a horizontal groove, *z*, made entirely around the rear and sides to form a seat for the reception of the end of the croaking-spring *s*. This spring is rectangular in form, and made with a dent, *e*, filed thin on its projecting side,

which is located, when the spring is in its seat, a little within the ends of the groove flange *d*, indicated at *f*. The free end *g* of the spring is turned upward toward the margin of the hollow throat *b*, in a measure forming a front therefor. When this portion of the spring is pressed toward the throat, the warp or dent in the spring is suddenly reversed with a sharp sound, followed immediately as the pressure on the spring is released by a similar sound in a somewhat higher key as the rise or dent springs automatically back into its normal position. These sounds are designed to imitate the shrill croaking of a frog.

I am aware of the Patent No. 186,169, and do not claim the device constructed as therein described; but

What I do claim as my improvement is—

The toy croaking frog herein described, consisting of the concave plate or body A, having a base-flange, *d*, and groove *z* around the latter portion, and a dented spring, *s*, one end being seated in the flanged groove, and the free end *g* curved upward toward body A to form a throat, all constructed and arranged to operate substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EMILE DURAND.

Witnesses:

ALLEN H. GANGEWER,  
CHAS. F. VAN HORN.