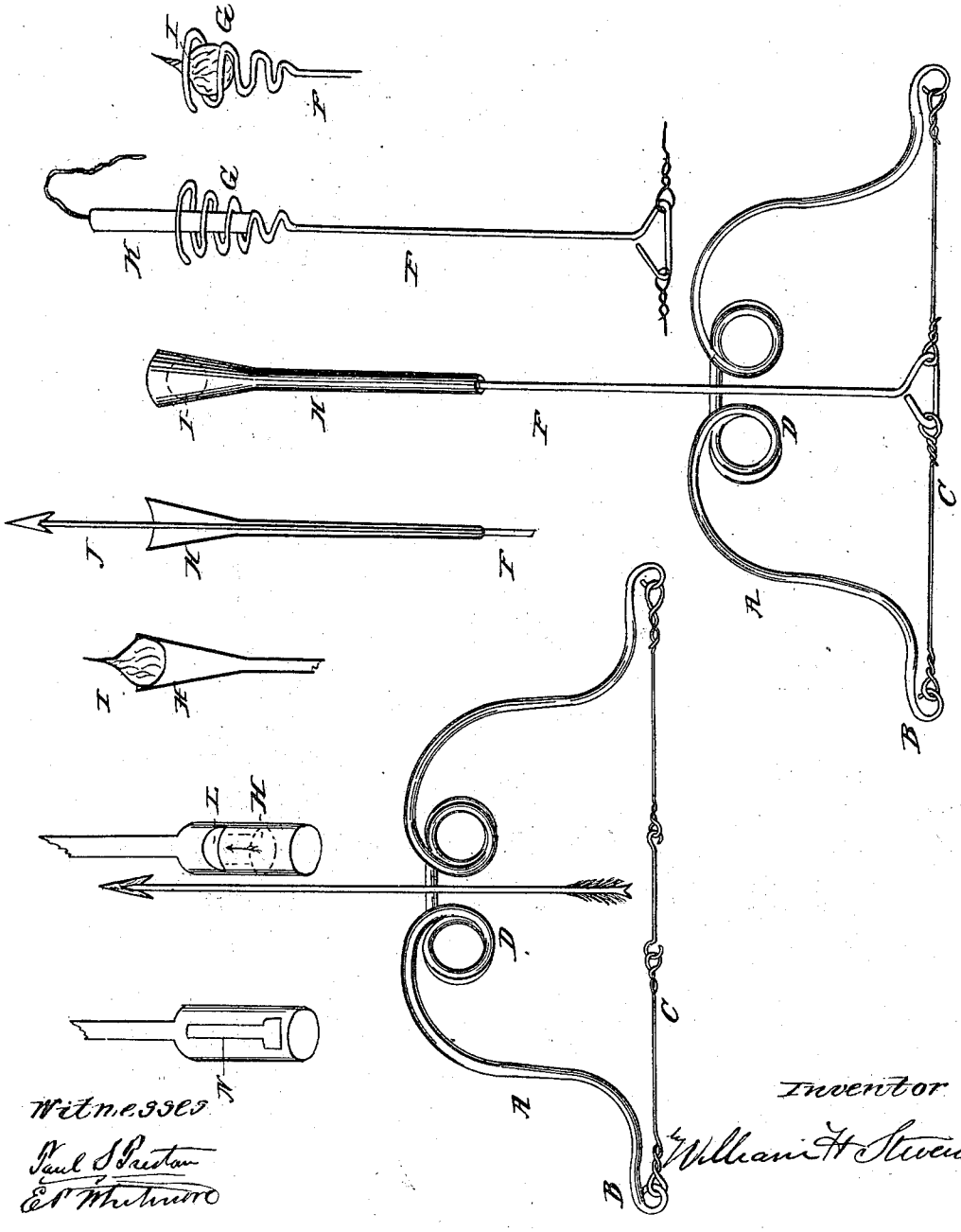
W. H. STEVENS.

TOY SPRING GUN.

No. 42,317. Patented Apr. 12, 1864.



Witnesses

Paul S Pastor

E. F. Mitchell

Inventor

William H. Stevens

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C

UNITED STATES PATENT OFFICE.

WILLIAM H. STEVENS, OF NEW YORK, N. Y.

TOY SPRING-GUN.

Specification forming part of Letters Patent No. 42,317, dated April 12, 1864.

To all whom it may concern:

Be it known that I, WILLIAM H. STEVENS, of the city and State of New York, have invented a new and useful Improvement in Toy Spring-Guns; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation thereof, reference being had to the annexed drawing, being part of this specification.

The nature of my invention consists in connecting receptacles for holding toy projectiles with a spring-bow by means of a rod attached to the center of the bow-spring, the whole constituting a "toy spring-gun," and in providing spring-guns for discharging projectiles with a device which may be blown by the mouth, as a whistle.

To construct my invention, make a bow, A, of iron or other metallic wire, having the ends bent, as at B, for the attachment of the bow-string C, and the middle part bent into one or more coils, D, to increase the spring-power of the bow. Connect the extremities of the bow by a metallic wire bow-string, C, the same having joints or links to allow of the proper straining of the bow. The bow in this form can be used for projecting arrows in the ordinary manner of other bows. To the center of the bow-string C connect the wire-rod F, having attached to its outer end a receptacle, which may consist of a coil of the rod F, as at G, or of a cup or tube, as at H. These receptacles may be shaped to hold and discharge any kind of projectiles desired, as a torpedo or ball, I, a dart or arrow, J, or fire-cracker K; and they may also be so constructed as to serve both for holding the projectile and be blown as a whistle by the mouth. The whistle may be made by constructing an air-passage and notch, as at L, in the usual manner of making toy whistles, or by attaching a reed, as at N, as used in toy horns.

The invention is operated by placing the projectile in the receptacle and discharging it by the spring-power of the bow in any desired direction, and when the reed or whistle is attached, by blowing it with the mouth, as with ordinary whistles, it being my object to furnish a cheap and convenient spring-gun for discharging toy projectiles, and also to increase the desirableness of toy spring-guns for children by the addition thereto of a whistling or musical device. The receptacle and whistle may be made of any form or material suited to the purposes intended.

What I claim is—

1. The receptacle O, constructed substantially as stated, when connected by the rod F with an archer's bow, in the manner set forth, the whole constituting a toy spring-gun.

2. Providing spring-guns for discharging projectiles with a whistle or musical device, substantially in the manner and for the purpose set forth.

WILLIAM H. STEVENS.

Witnesses:

PAUL S. PRESTON,
E. P. WHITMORE.