

No. 873,628.

PATENTED DEC. 10, 1907.

C. E. STIVERS.  
DART FOR BLOW GUNS.  
APPLICATION FILED AUG. 13, 1907.

Fig. 1

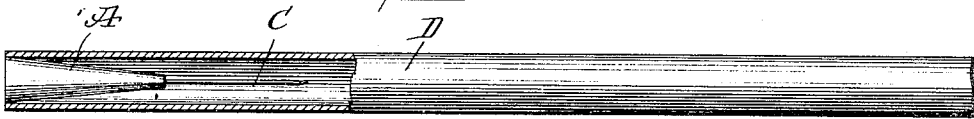


Fig. 2

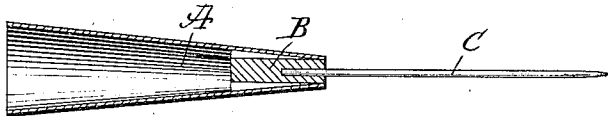
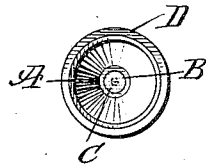


Fig. 3



WITNESSES

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# UNITED STATES PATENT OFFICE.

CHARLES E. STIVERS, OF DENVER, COLORADO.

## DART FOR BLOW-GUNS.

No. 873,628.

Specification of Letters Patent.

Patented Dec. 10, 1907.

Application filed August 13, 1907. Serial No. 388,309.

*To all whom it may concern:*

Be it known that I, CHARLES E. STIVERS, a citizen of the United States, and a resident of Denver, in the county of Denver and State of Colorado, have invented a new and Improved Dart for Blow-Guns, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved dart for blow guns, arranged to permit the convenient insertion of the dart into the gun, and to insure proper binding action of the body of the dart on the wall of the bore of the gun during the propulsion of the dart through the bore, thus requiring less physical exertion on the part of the user for propelling the dart a long distance with great accuracy and swiftness.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawing forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the dart inserted in the blow gun, a portion of which is shown in section; Fig. 2 is a longitudinal sectional elevation of the improvement, and Fig. 3 is an end view of the dart and blow gun.

The body A of the dart is preferably made of paper or other suitable material, and the body is made hollow and in the form of a frustum of a cone, the apex end being closed by a head B in which is fastened the point C, projecting centrally forward, as plainly indicated in the drawings. The open base end of the body A of the dart fits snugly against the inner wall of the bore of the blow gun D of any approved construction, so that when the dart is inserted in the blow gun with the point C forward and the base end of the body A rearward, and the user blows into the end of the gun, then the air passes into the hollow body A, to cause the base end of the body to properly bind against the

inner wall of the bore, thus preventing escape and insuring the full force of the air for propelling the dart forward through the bore of the gun D. Thus by the arrangement described the dart is forcibly propelled through the gun and to a great distance with great accuracy, especially as the base end of the body A yields to any unevenness that may be in the wall of the bore of the gun, thus preventing leakage of air during the time the dart is within the bore of the gun. It will also be noticed that by making the body A of the dart of conical shape, it can be readily inserted in the bore of the gun, and when the dart flies through the air less resistance is encountered and the dart remains true in the direction of its flight.

The dart is very simple and durable in construction and can be cheaply manufactured.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A dart for blow guns, having a hollow conical body of flexible material closed at the apex end.
2. A dart for blow guns, having a hollow conical body, the base end of which fits snugly into the bore of the gun, the apex end of the said body being closed.
3. A dart for blow guns, having a hollow conical body, the end of which fits snugly into the bore of the gun, the apex end of the said body being closed, and a point attached to the said apex end and projecting forwardly therefrom.
4. A dart for blow guns, having a hollow conical body made of paper, and having its base end arranged for yielding contact with the wall of the bore of the gun, the apex end of the said body being closed.

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

CHARLES E. STIVERS.

Witnesses:

R. J. CARROLL,  
HENRY W. HALER.