

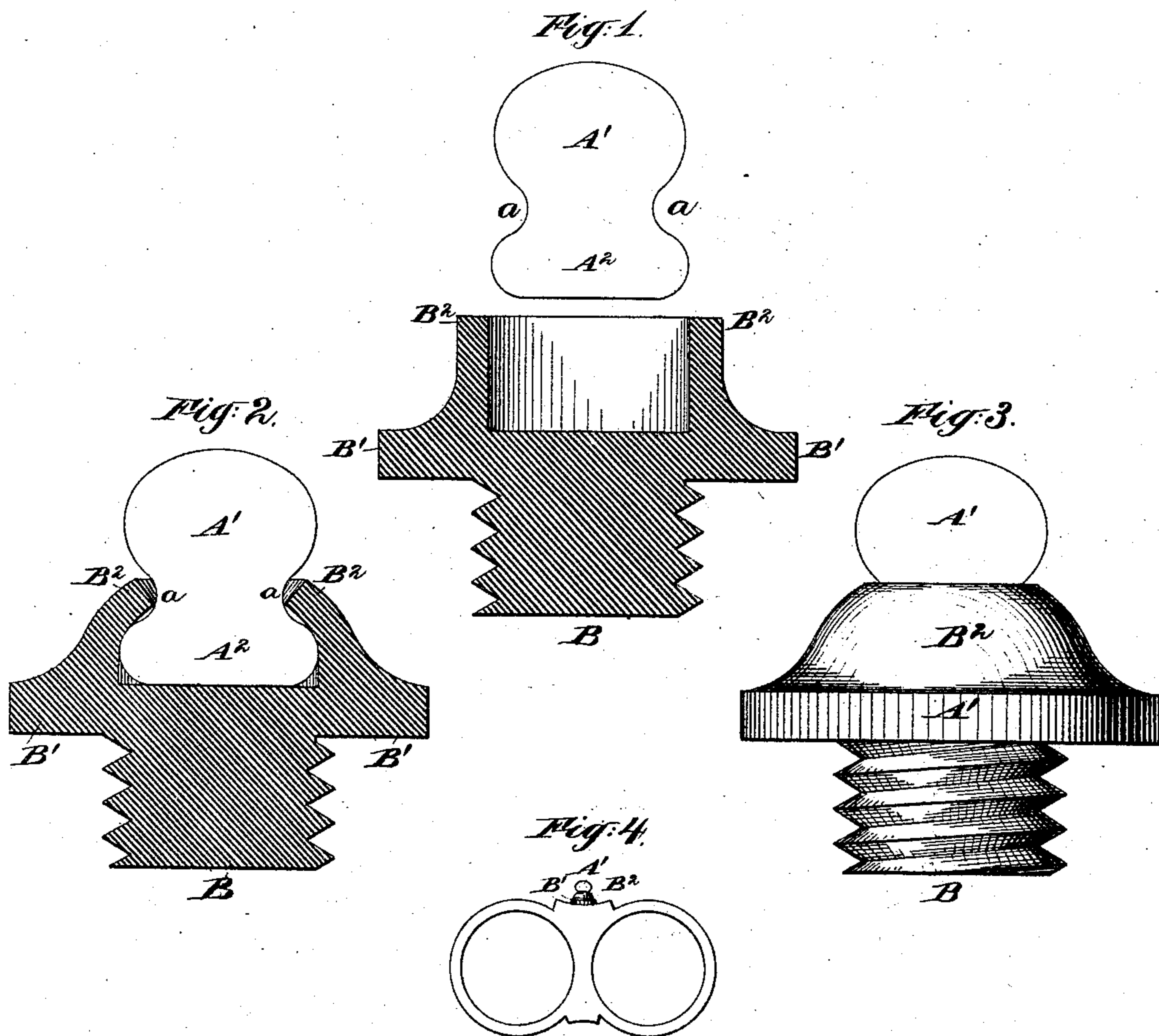
(No Model.)

W. LYMAN.

GUN SIGHT.

No. 341,426.

Patented May 4, 1886.



Witnesses:
Charles H. Seale,
T. A. Richmond

Inventor:
William Lyman
by his attorney
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UNITED STATES PATENT OFFICE.

WILLIAM LYMAN, OF MIDDLEFIELD, CONNECTICUT.

GUN-SIGHT.

SPECIFICATION forming part of Letters Patent No. 341,426, dated May 4, 1886.

Application filed March 20, 1886. Serial No. 195,951. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM LYMAN, of Middlefield, in the county of Middlesex, in the State of Connecticut, have invented a certain new and useful Improvement in Gun-Sights, of which the following is a specification.

The invention relates to front sights, sometimes called "muzzle" sights. It is intended mainly or entirely for shot-guns where clearness of vision under all circumstances with regard to light is of vital importance, and fine adjustment is not essential.

My improved sight may be applied on any gun, single or double barreled, having the ordinary screw-threaded hole to receive the sight. It may be applied or removed like the ordinary metal knob sight by a pair of pliers. It consists of sight of a bone or ivory in the form of a double knob, with a contracted neck between, and a screw-threaded holder having a collar for seizing with the pliers, and a cup in which one of the knobs may be held by spinning or otherwise contracting inward the rim of the metal cup, so that it will seize the lower part of the sight and allow the upper part to project.

The sight is adapted to serve in all respects like the ordinary metal sight, with the advantage that it under all circumstances presents the clear dead white due to its material.

Ivory is liable to shrink with age and seasoning. In such case my ivory sight may be loose, so that it can be moved slightly in its metallic holding-cup; but this is of no consequence. It cannot become displaced so as to induce mischief, except by an intentional unscrewing of the metal part from the gun.

The accompanying drawings form a part of this specification, and represent what I consider the best means of carrying out the invention.

Figure 1 is a section through the ivory sight and the metal holder before they are applied together. Fig. 2 is a corresponding section after the parts have been joined. Fig. 3 is an elevation corresponding to Fig. 2. Fig. 4 is on a smaller scale. It is an end view of the muzzle of a double-barreled fowling-piece with my improved sight.

Similar letters of reference indicate corresponding parts in all the figures where they occur.

A' is the upper and A² the lower part of the ivory sight. The contracted portion in the middle is designated *a*.

B is the screw-threaded portion of the holder B', a stout collar by which it may be firmly seized by pliers in applying or removing it, and B² a rim of metal extending up. This latter is sufficiently thick to be reliable, but may be deflected inward by any suitable tool to grasp the knob A' after it is inserted.

To complete the sight, the ivory knob is inserted into the socket in the holder and the rim B² pressed into the contracted portion *a* of the knob. This causes it to embrace the part A², so that it cannot escape, while it presents the knob A' conspicuously above the metal, to serve as the sight.

The metal portion B should be blued or otherwise made dark, to present as great a contrast as possible to the white of the ivory. This is useful in shooting against a white surface, as is often the case in winter, under which conditions the ivory is not conspicuous. The dark portion B' B² below is then a sufficient indication of its place.

Modifications may be made in the forms and proportions without departing from the principle or sacrificing the advantages of the invention.

The lower part, A², of the knob may be deeper or shallower than here shown. It may be the same height as the upper part, A'.

I claim as my invention--

1. In a gun-sight, the double knob A' A², with its contracted neck *a*, in combination with a metal holder having a rim, B², pressed inward thereon, and a screw-threaded portion, B, for its attachment to a gun, as herein specified.

2. In a gun-sight, the metal holder described, having the screw-threaded stem B, rim B², and stout collar B', in combination with a knob having a strongly contrasting color or shade secured to the holder, as herein specified.

In testimony whereof I have hereunto set my hand, at Middlefield, Connecticut, this 18th day of March, 1886, in the presence of two subscribing witnesses.

WILLIAM LYMAN.

Witnesses:

LYMAN A. MILLS,
WM. P. RICHARDSON.