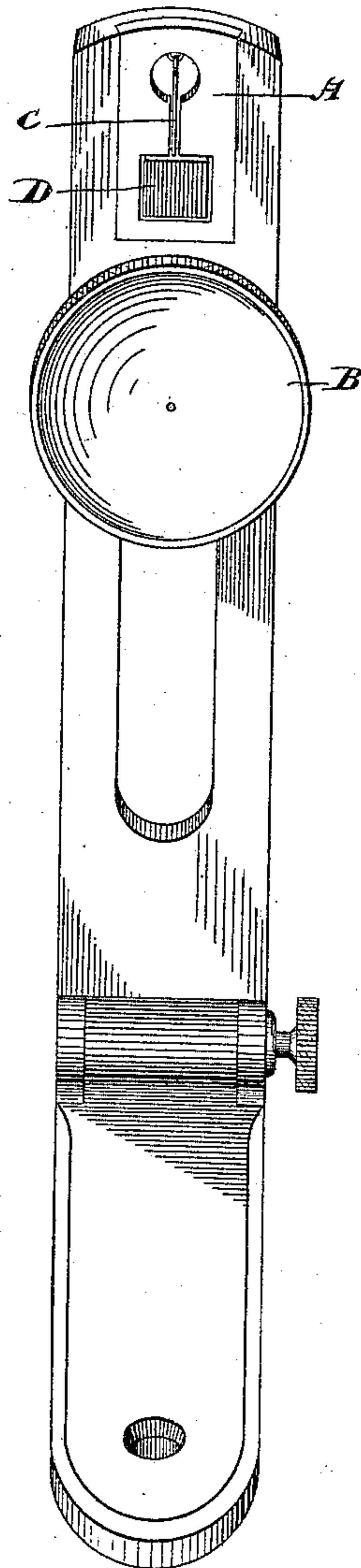


(No Model.)

M. NELSON.
PENDULUM INDICATOR FOR SIGHTS.

No. 442,908.

Patented Dec. 16, 1890.



Witnesses

E. P. Cameron
W. A. McMillan

Inventor

Magnus Nelson
by Donald C. Ridout & Co.
attys.

UNITED STATES PATENT OFFICE.

MAGNUS NELSON, OF TOTTENHAM, CANADA.

PENDULUM INDICATOR FOR SIGHTS.

SPECIFICATION forming part of Letters Patent No. 442,908, dated December 16, 1890.

Application filed April 11, 1890. Serial No. 347,530. (No model.)

To all whom it may concern.

Be it known that I, MAGNUS NELSON, of the village of Tottenham, in the county of Simcoe, in the Province of Ontario, Canada, have
5 invented a certain new and useful Improvement in Rifle-Sights, of which the following is a specification.

The object of the invention is to design an attachment which may be readily applied to
10 any style of rifle-sight for the purpose of indicating any rolling or side movement of the rifle-barrel; and it consists, essentially, of a small pendulum suspended in the rifle-sight, the arm of the pendulum passing through a
15 narrow vertical slot in such a manner that any slight rolling movement of the barrel will cause the arm of the pendulum to strike the side of the slot, thereby preventing the vibratory movement which it has when the pendulum-arm is perfectly plumb.
20

The figure is a view of a peep-sight with my invention applied.

In the drawing, A represents a block fitted into the groove made to receive the peep-
25 sight B.

C is the arm of the pendulum, and D its weight. It will be observed that the arm C passes through a narrow vertical slot made in the block A and is connected at its upper end
30 to the block A, the said connection being such as will permit the free vibratory movement of the pendulum.

When taking aim, the rifleman has merely to keep an eye on the pendulum or plumb, made as described, and adjust his rifle side- 35 wise, so that the pendulum shall be entirely clear of the sides of the slot, which will be indicated to him by the fact that the pendulum or plumb will in that condition have a slight vibratory or trembling movement, which 40 movement will be immediately arrested should the rifle-barrel be rolled in the slightest degree.

I have chosen an ordinary peep-sight for the purpose of illustrating my invention; but 45 it will of course be understood that it is applicable to all kinds of sights.

What I claim as my invention is—

A small pendulum or plumb suspended in the rifle-sight, the arm of the pendulum or 50 plumb passing through a narrow vertical slot in such a manner that any slight rolling movement of the barrel will cause the arm of the pendulum to strike the side of the slot, and thereby prevent the vibratory movement 55 which it has when the pendulum-arm is perfectly plumb, substantially as specified.

Toronto, March 5, 1890.

MAGNUS NELSON.

In presence of—

CHARLES C. BALDWIN,
E. CUMMINGS.