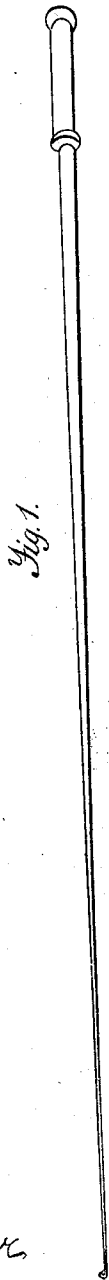
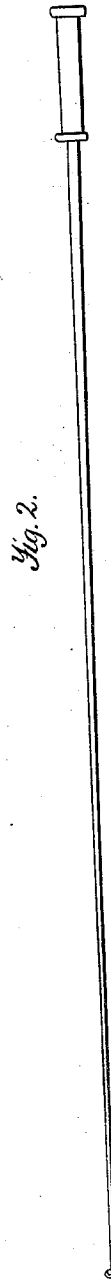


J. R. Cannon,

Whip.

N^o 31370.

Patented Feb. 12, 1861.



Witnesses:

Wm C M Alexander,
M. M. Dow.

Inventor.

J. R. Cannon

UNITED STATES PATENT OFFICE.

JOHN R. CANNON, OF NEW ALBANY, INDIANA.

WHIP.

Specification of Letters Patent No. 31,370, dated February 12, 1861.

To all whom it may concern:

Be it known that I, JOHN R. CANNON, of New Albany, in the county of Floyd and State of Indiana, have invented certain
5 new and useful Improvements in Whips; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this spec-
10 ification.

The nature of my invention consists in manufacturing whip stocks of spring steel—or making the entire whip of steel.

The annexed drawing represents a whip
15 stock made of spring steel. This stock is made in the usual form,—tapering to the end to which the lash is secured,—being made small and light and then tempered so as to make it capable of bending freely with-
20 out keeping that position or without break-

ing. It is provided with a loop at its end as seen, to which the lash is attached. These whips may be made of any suitable size and shape; and may be covered in the usual
25 manner, or painted as may be deemed best.

The advantages of this whip are its elasticity and its durability. The whip never loses its set, and it is the most durable
30 of any other,—it will also not be costly in its construction.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is—

The within described whip, as an article of manufacture, constructed as and for the
35 purpose specified.

JOHN R. CANNON.

Witnesses:

J. A. HEUGHES,
H. O. CANNON.