

No. 695,699.

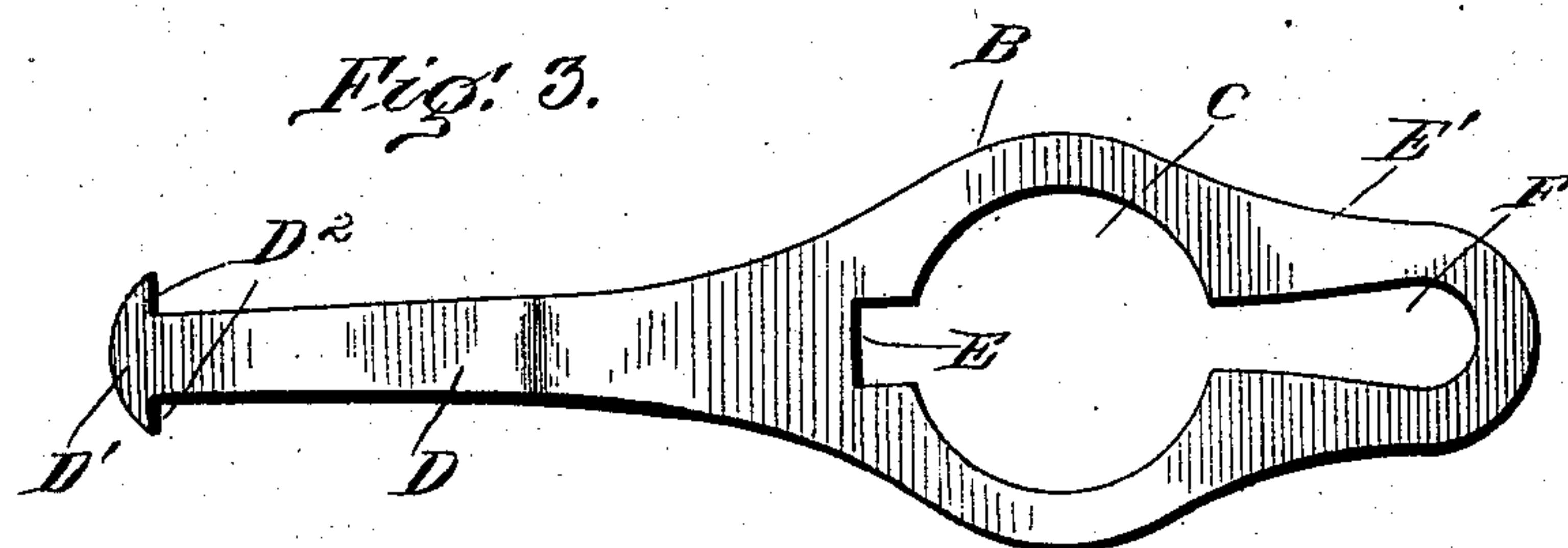
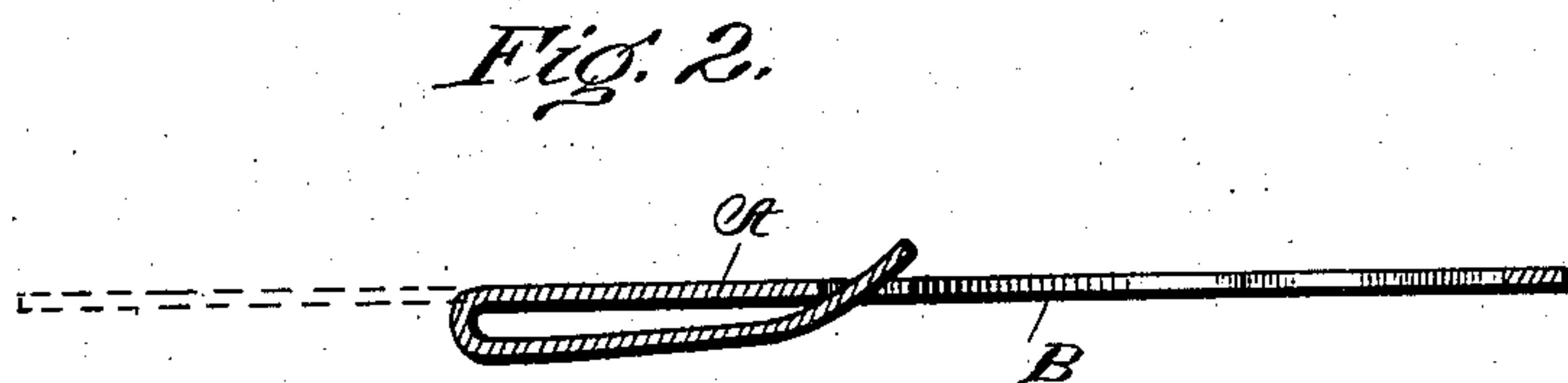
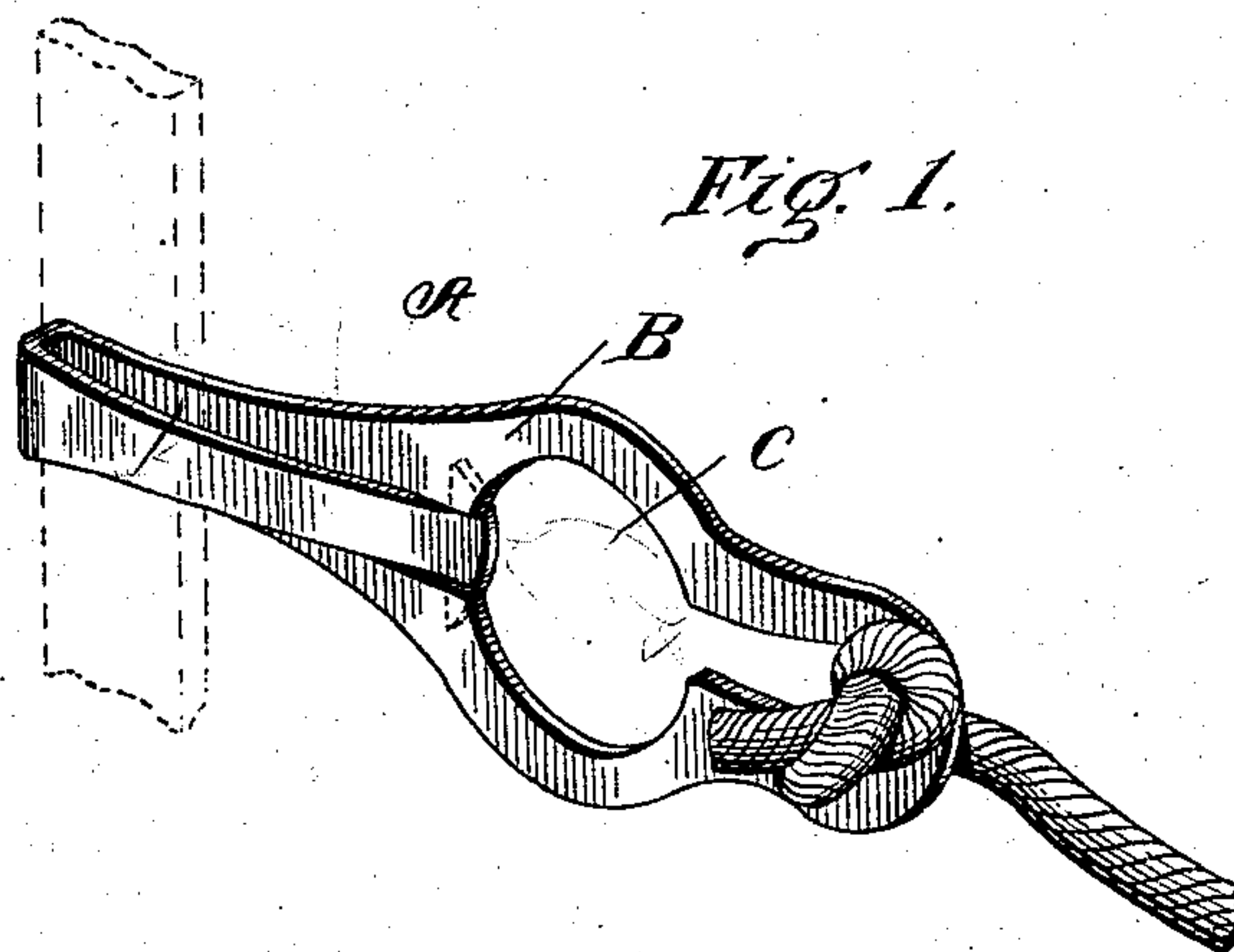
Patented Mar. 18, 1902.

W. L. PETERSON.

PLOW LINE SNAP.

(Application filed July 6, 1901.)

(No Model.)



WITNESSES:

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PLOW-LINE SNAP.

SPECIFICATION forming part of Letters Patent No. 695,699, dated March 18, 1902.

Application filed July 6, 1901. Serial No. 67,350. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. PETERSON, a citizen of the United States, residing at Vidalia, county of Montgomery, and State of Georgia, have invented a certain new and useful Improvement in Plow-Line Snaps, of which the following is a specification.

My invention relates to a new and useful improvement in plow-line snaps, and has for its object to provide an attachment adapted to be attached to the bridle-rein, and this attachment carries a slot adapted to receive the knotted end of the plow-line and hold the same while in use; but when it is desired to detach the plow-line from the bridle it can be quickly detached by slipping the knotted end from out of the slot and leaving the attachment connected to the bridle-rein.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my plow-line snap, showing the same in use; Fig. 2, a longitudinal section of the same, and Fig. 3 a plan view of the blank from which the snap is formed.

In the drawings, A represents the snap, which is preferably formed of sheet spring metal, and consists of the enlarged body portion B, through which the opening C is formed. Extending out from the body portion is the long narrow arm D, which has the enlargement D' formed upon its end, and this enlargement will form the two shoulders D². A notch E is formed in the body B of the snap, and this notch leads out from the opening C and is formed in the end of the body from which the arm D extends. This arm D and notch E are for the purpose of attaching the snap to the bridle-ring, which is accomplished by bending the arm D around the bridle-rein and in passing the end of the arm D through the notch, and the spring tension of the arm will hold itself in the notch, because the enlarged

head will prevent it from springing out of the same. Thus the snap will be secured to the bridle-rein and can remain upon the same any length of time, but can be quickly removed when desired.

E' is an extension formed with the body and extending out from the same at the opposite side of the body from the arm D. This extension has formed in it the slot F, which opens at one end into the opening C. This slot F is comparatively narrow at the point where it leaves the opening C and widens out gradually to its other end. The plow-line after having a knot formed in its end is passed into the slot F through the narrow portion or throat, which is just of sufficient width to allow the plow-line to be forced through the same. The plow-line then passes forward into the enlarged portion of the slot F, the knot upon the end preventing the withdrawal of the line.

The advantage of my invention is that the plow-line snap can be always left upon the bridle-rein and the plow-line attached and detached almost instantly when desired, but securely holding the same while in use. Another feature of my invention is that the snap, being stamped out of thin sheet metal, is very light and can be manufactured at a very small cost, while at the same time being strong and very durable.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

1. In a plow-line snap, a body portion, an opening formed through the body portion, a spring-arm formed with and extending out from the body portion, said spring-arm adapted to be bent around the bridle-rein, means for securing the end of the spring-arm to the body portion after being bent, an extension formed with the body portion and extending forward from the same, a slot formed in said extension, said slot opening into the opening through the body portion but being closed at its outer end, substantially as and for the purpose specified.

2. A plow-line snap constructed of thin sheet metal, and consisting of a body portion B, a spring-arm D extending rearwardly there-

from, said spring-arm adapted to be bent
around the bridle-rein, an enlarged head
formed upon the end of the spring-arm, an
opening formed through the body portion, a
5 notch formed in the spring-arm side of the
opening in which the end of the spring-arm
is adapted to be inserted and held by means
of the enlarged head, an extension formed
upon the opposite side of the body from the
10 spring-arm, a slot formed in such extension,
the inner end of such slot opening into the
opening in the body portion, the outer end of

the slot adapted to be closed, said slot adapted
to be formed narrower at the point where it en-
ters the opening through the body than at any 15
other point, substantially as described and
for the purpose specified.

In testimony whereof I have hereunto af-
fixed my signature in the presence of two sub-
scribing witnesses.

WILLIAM L. PETERSON.

Witnesses:

J. C. McALLISTER,

W. A. PETERSON.