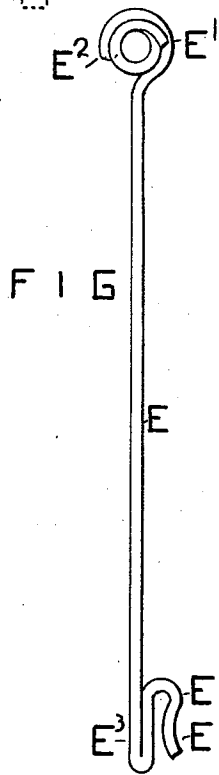
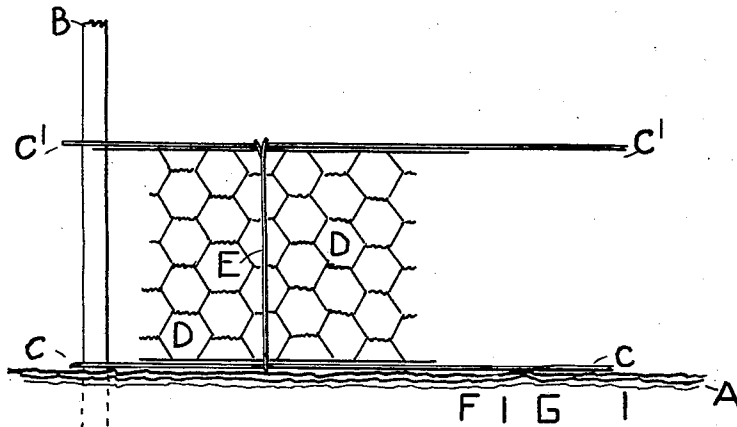


E. B. HARDIE.
 DOUBLE WIRE NETTING OLIP FASTENER.
 APPLICATION FILED AUG. 30, 1910.

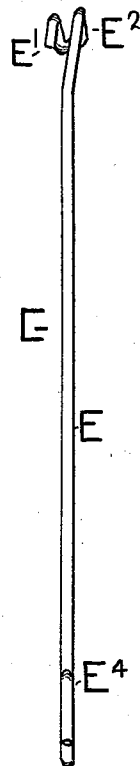
1,007,564.

Patented Oct. 31, 1911.



2

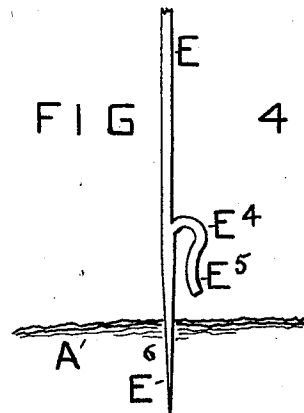
FIG



3

FIG

4



Witnesses
[Signature]
 Edward Stutts

Inventor
 Edwin B. Hardie
 by *[Signature]*
 James L. Morris, Jr.
 Atty

UNITED STATES PATENT OFFICE.

EDWIN BAXTER HARDIE, OF WANGALOA, NEAR DUNEDIN, NEW ZEALAND.

DOUBLE WIRE-NETTING CLIP-FASTENER.

1,007,564.

Specification of Letters Patent.

Patented Oct. 31, 1911.

Application filed August 30, 1910. Serial No. 579,768.

To all whom it may concern:

Be it known that I, EDWIN BAXTER HARDIE, a farm manager, a subject of His Majesty the King of Great Britain, residing at Wangaloa, near Dunedin, in the British Dominion of New Zealand, have invented certain new and useful Improvements in Double Wire-Netting Clip-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in fastenings and stays for wire fabric fences and its object is to provide a device of simple character for holding the fabric against sagging and for keeping it extended to its full width.

The improved device is in the nature of a double ended clip, the upper end of which has a Y shape when viewed in the direction looking toward the fence and the lower end of which is in the form of a downwardly directed hook, the shank of the clip being of a length to hold the fabric taut.

The improvement is illustrated in the accompanying drawings, wherein—

Figure 1 is an elevation of a fence showing the application thereto of the improved fastening and stay; Fig. 2 is a detail elevation of the clip; Fig. 3 is a similar view in a different plane; and Fig. 4 is a detail fragmentary elevation of a modified feature of construction.

The letter A designates the ground line, B the usual post, C the lower and C' the upper stretched wire to which the wire netting, D, is attached.

E is the body of the clip fastener. This is bent round at the top end to E², then sharply back and round to E¹, the two

bends being spread out, see Fig. 3. At the bottom end it is doubled back at E³, and a hook is formed at E⁴, slightly closed at E⁵, and widening below as shown. The length of the clip is the width of the netting used. In the modification, the clips are as described, the only difference being that the bend E³ is lengthened, and for hard ground is pointed at E⁶, so that the said point enters the ground as indicated, Fig. 4. This would usually obviate the use of the lower wire. I have found that this clip will act if both ends are formed like the upper end, but prefer to make them as shown for general use.

In this invention any suitable materials or sizes may be adopted.

Having described my invention and its use, what I claim and desire to obtain by Letters Patent of the United States of America, is:—

As a new and merchantable article of manufacture and sale, a stay for woven wire fabric fences which comprises a rigid wire shank having at its upper end a coiled loop fashioned to be securely removably engaged over the upper wire of the fence and having at its lower end a downturned hook for removable engagement with the lower wire of the fence and which projects laterally at one side of the shank and has a portion of its extent defined by the lower end portion of the shank, the stay being integral throughout and forming no part of the fabric of the fence to which it is to be applied.

In testimony whereof, I affix my signature, in presence of two witnesses.

EDWIN BAXTER HARDIE.

Witnesses:

HENTON MACAULAY DAVEY,
EDWARD THOMAS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."