

No. 879,717.

PATENTED FEB. 18, 1908.

G. ANDERSON.
SEED CORN MAGNIFIER.
APPLICATION FILED JUNE 29, 1907.

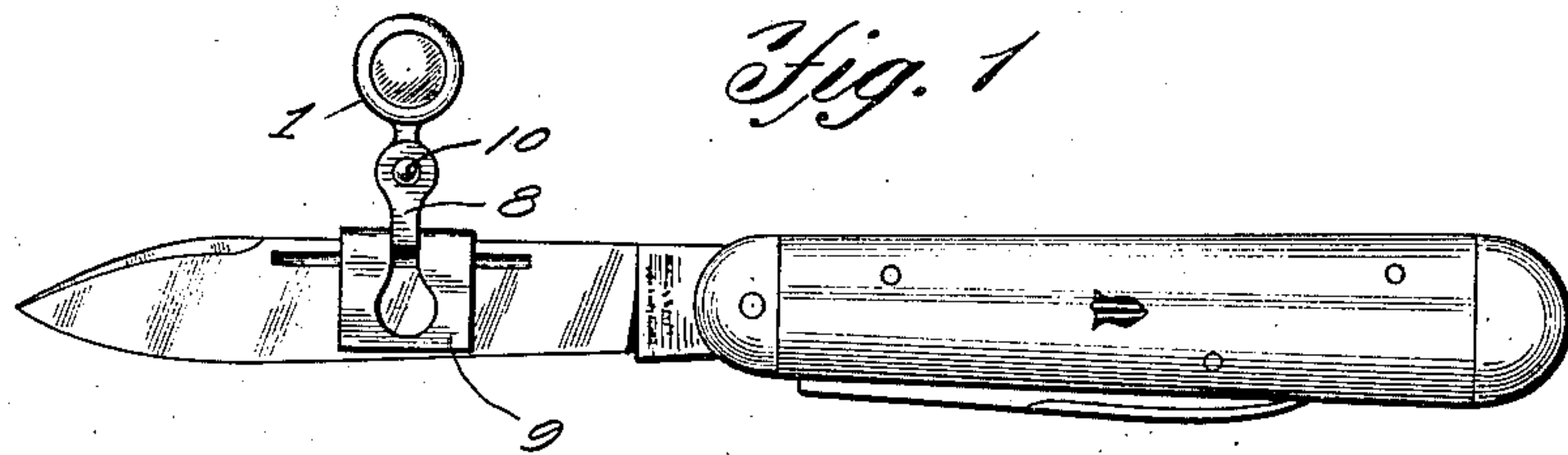


Fig. 2

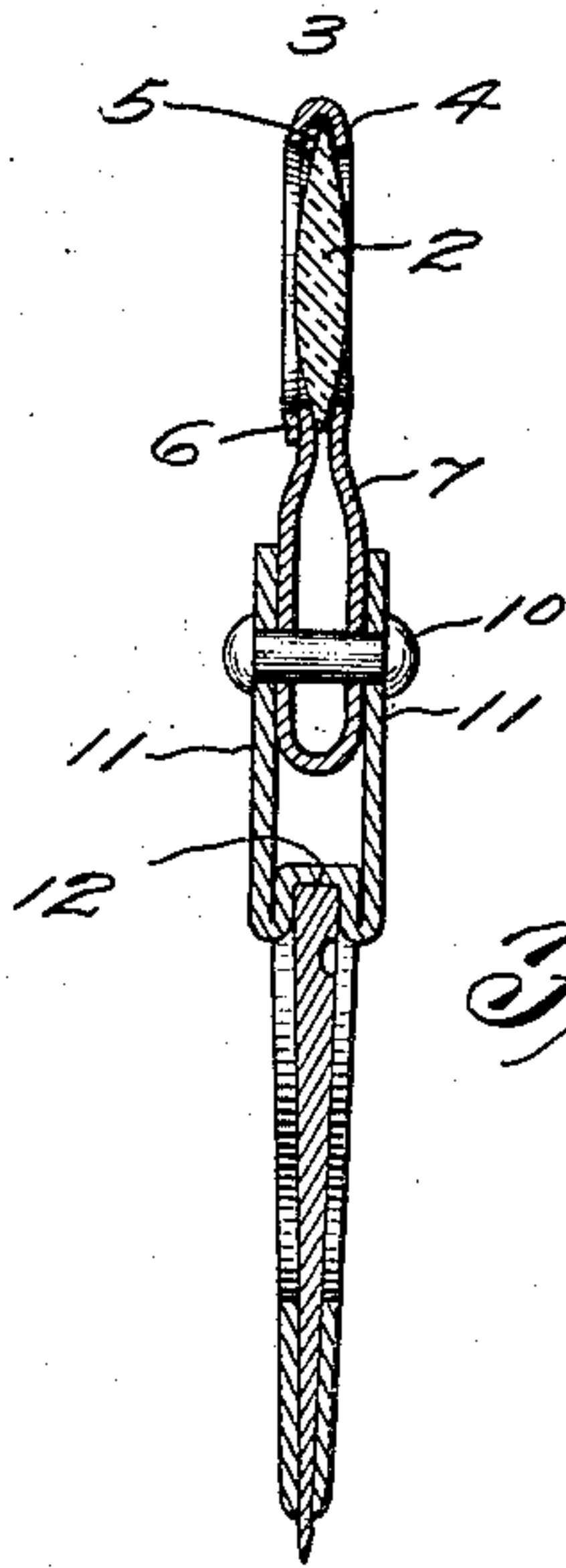
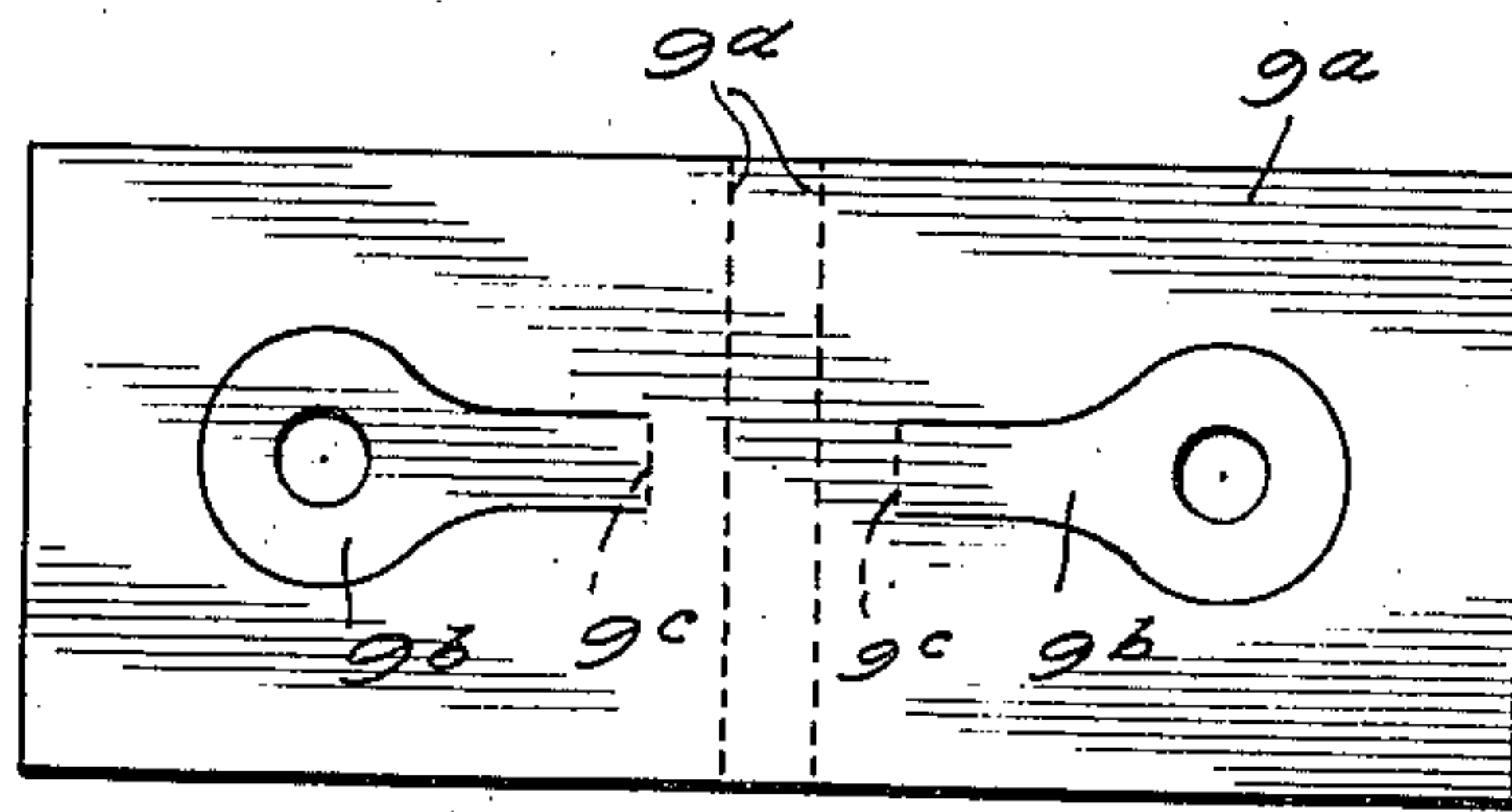


Fig. 4

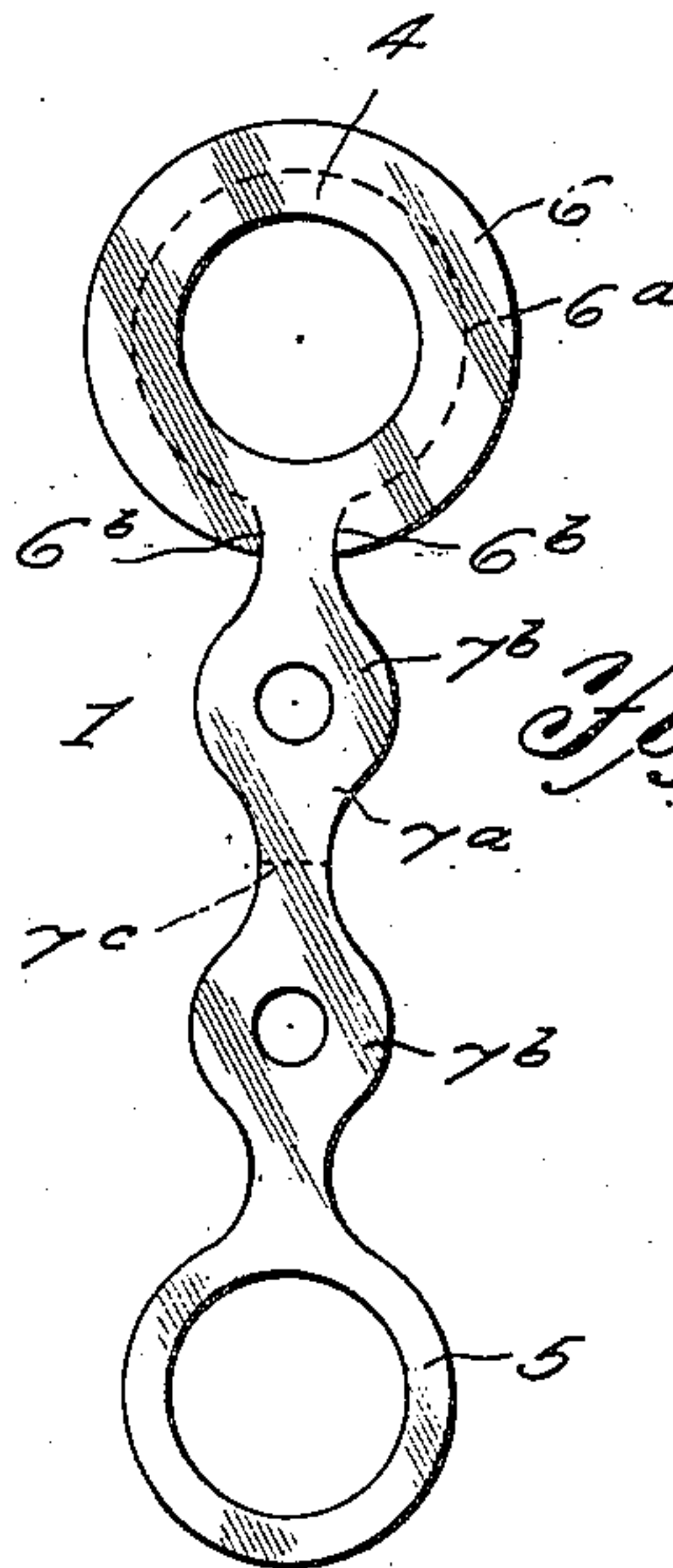


Fig. 3

Witnesses

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GEORGE ANDERSON, OF WAKEFIELD, NEBRASKA.

SEED-CORN MAGNIFIER.

No. 879,717.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE ANDERSON, a citizen of the United States, residing at Wakefield, in the county of Dixon and State of Nebraska, have invented new and useful Improvements in Seed-Corn Magnifiers, of which the following is a specification.

This invention relates to improvements in magnifying glasses, the main object of the invention being to provide a pocket magnifying glass adapted to be supported for use upon the blade of a pocket knife, said glass being designed for a variety of uses, among them for magnifying seed corn, whereby the germ of the kernel may be examined to determine whether or not the corn is fit for use as seed.

The invention consists of the features of construction, combination and arrangement of parts hereinafter fully described and claimed, reference being had to the accompanying drawing, in which:—

Figure 1 is a side view showing the application of the device to a knife. Fig. 2 is a plan view of the frame of the blank from which the bracket, shown in Fig. 1, is made. Fig. 3 is a similar view of the blank from which the frame of the glass is formed. Fig. 4 is a vertical transverse section through the knife blade and magnifying attachment, showing a modified form of bracket.

Referring to the drawing, 1 designates the frame of the glass, and 2 the magnifying glass held thereby. The frame is preferably of the construction disclosed fully in detail in Fig. 4, comprising a holding ring 3, formed of two members 4 and 5, the member 5 being provided with an inturned flange 6, bent over upon the outside of the member 5 to clamp it to the member 4 and to also clamp the glass 2 between the said members. The ring thus formed is supported by a bowed or looped-shaped arm 7, pivotally mounted between the arms 8 of a clasp-bracket 9, of the construction hereinafter described.

The frame 1 is made from the form of blank shown in Fig. 3, from which it will be seen that the ring members 4 and 5 are formed upon the opposite ends of a strip of sheet metal, stamped up by the action of a suitable die, the flange 6 being produced by folding the outer edge of the member 4 on the dotted line 6^a and providing slits 6^b separating the ends of the flange from the body of the ring to adapt said flange to be conveniently folded. The ring member 5

conforms in diameter to the body of the ring member 4 and the two ring members are connected by a stem 7^a having eyes or enlargements 7^b, said stem being adapted to be folded on the dotted line 7^c between said eyes to bring the latter into parallel planes to produce looped the arm 7. After the stem has been folded to form the loop arm and to bring the rings 4 and 5 opposite each other, the glass 2 is placed between said rings and confined by folding the flange 6 over upon the ring 5, thus providing a cheap and efficient type of holding frame.

In the form shown in Fig. 1, the clasp 9 is produced from the blank disclosed in Fig. 2, the said blank 9^a being slitted to provide perforated members 9^b adapted to be folded upwardly on the dotted lines 9^c to produce the supporting arms 8, the blank itself comprising two wings formed by folding it centrally on the spaced dotted lines 9^b into approximately U-form so that it will serve the function of a spring clasp to engage the knife blade and support the glass thereon in the manner shown in Fig. 1. The looped arm 7 of the glass frame fits down between the arms or apertured supporting-ears 7^b of the clasp and is pivotally connected therewith by a rivet 10 passing through the eyes or apertures in said arm and ears, by which the glass is pivotally mounted upon the bracket to be set at different angles for greater convenience in use, as will be readily understood.

In the form of the invention shown in Fig. 2, the clasp comprises a single piece of sheet metal bent into U-form to provide supporting arms 11 perforated for the passage of the pivot pintle or rivet 10. At the point of junction of said arms, the metal is instructed or bent to provide a U-shaped union 12 of proper form to serve as a spring clasp to receive and engage over the back edge of the blade and, thus, support the attachment thereon.

It will be seen that the invention provides a simple and effective magnifying glass attachment by which the glass may be conveniently supported upon the extended blade of a knife for convenience in testing seed corn and for a variety of other uses. Furthermore, the construction of the frame and bracket described permits the device to be manufactured at a very low cost.

Having thus described the invention, what is claimed, is:—

1. A device of the character described

comprising a supporting bracket, a frame
carried by the said bracket and formed of a
single piece of sheet metal, said frame having
a folded supporting arm and rings carried by
5 said arm, together with a magnifying glass
held between the rings one of said rings be-
ing formed with a flange lapping over upon
the other to secure the rings together.

2. A device of the character described
10 comprising a supporting bracket, a sheet
metal frame held by the bracket, said frame
having a folded portion providing a support-

ing arm, rings carried by the terminals of the
arm, one of said rings having a flange folded
over upon the other rings to unite said rings, 15
and a magnifying glass held between the two
rings.

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

GEORGE ANDERSON.

Witnesses:

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