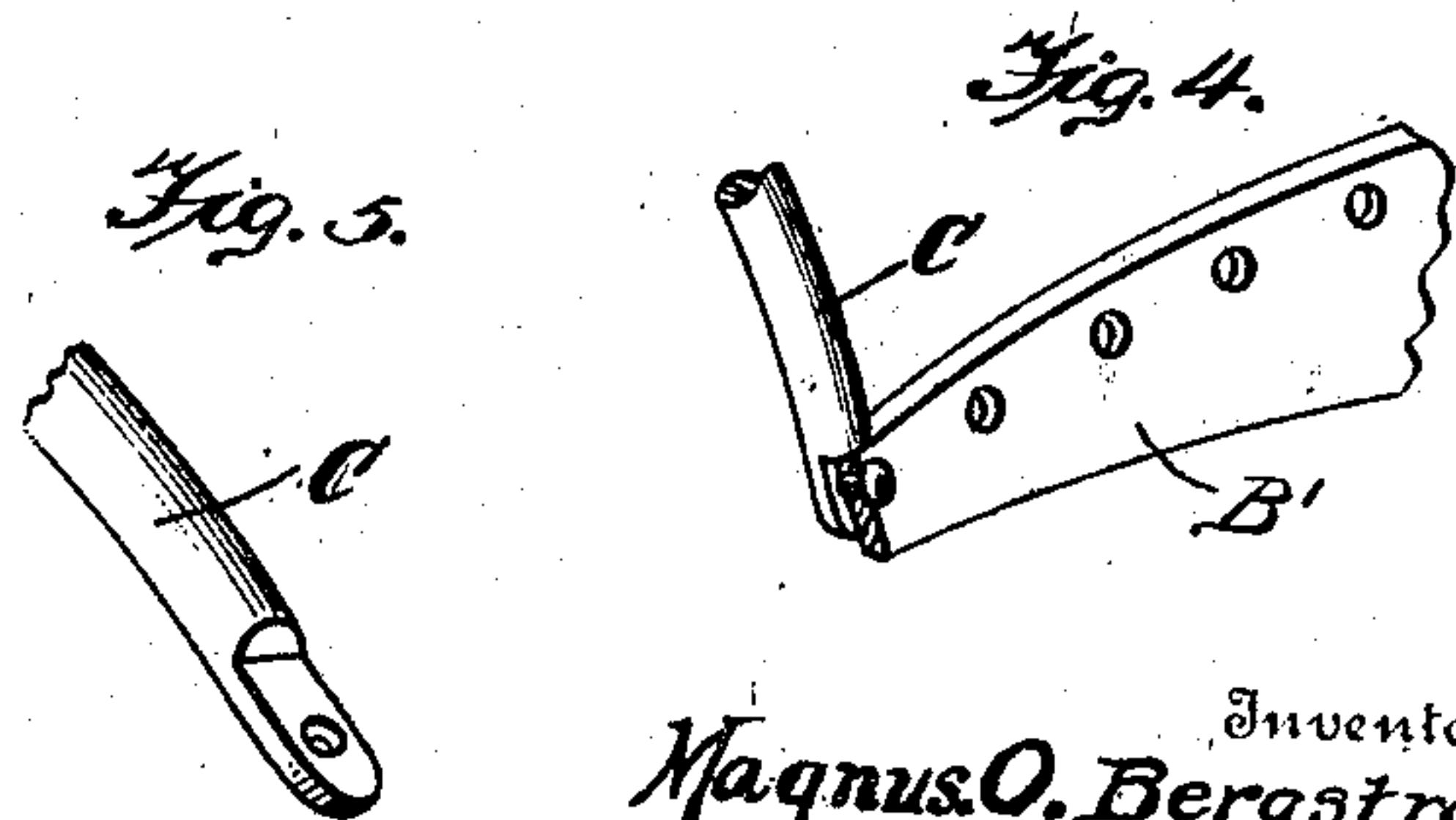
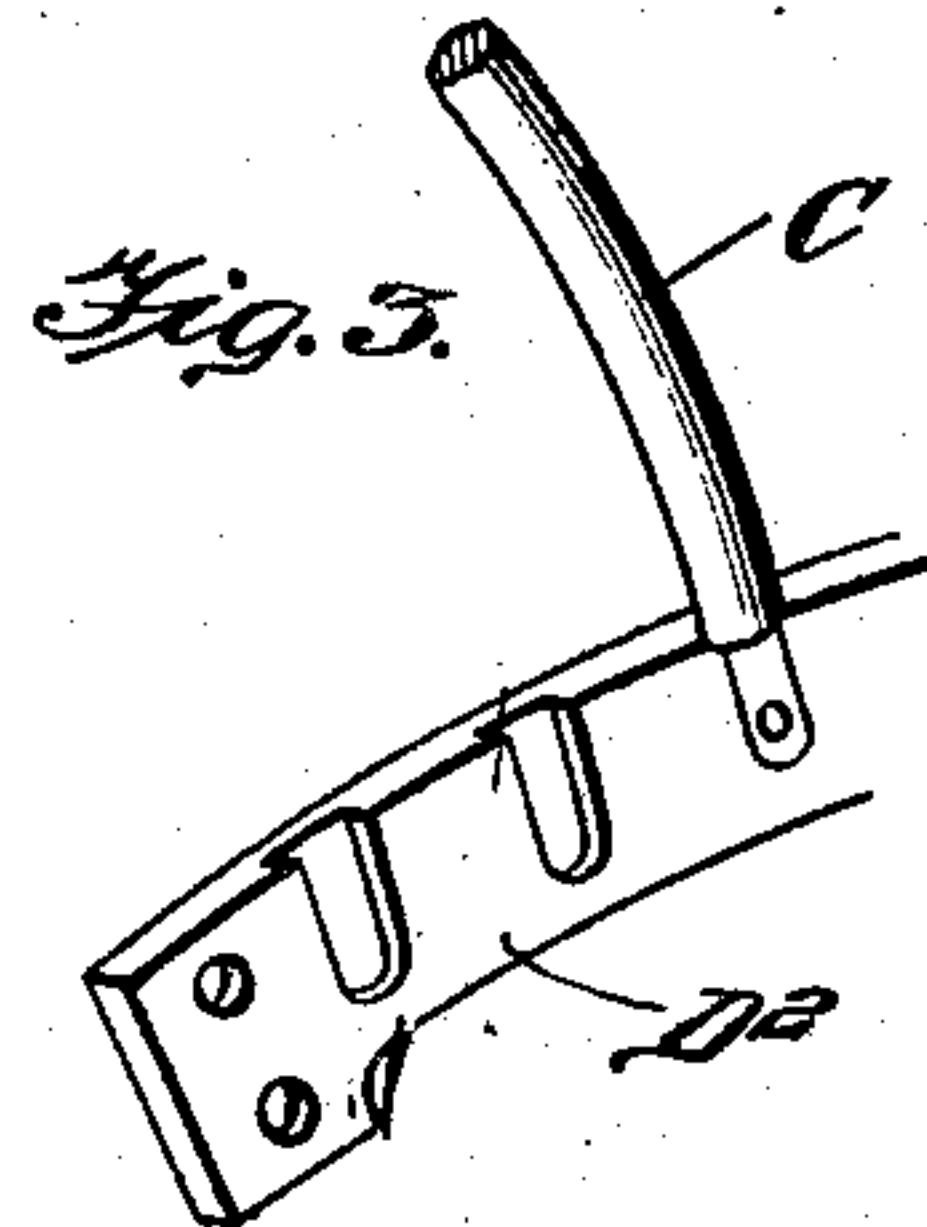
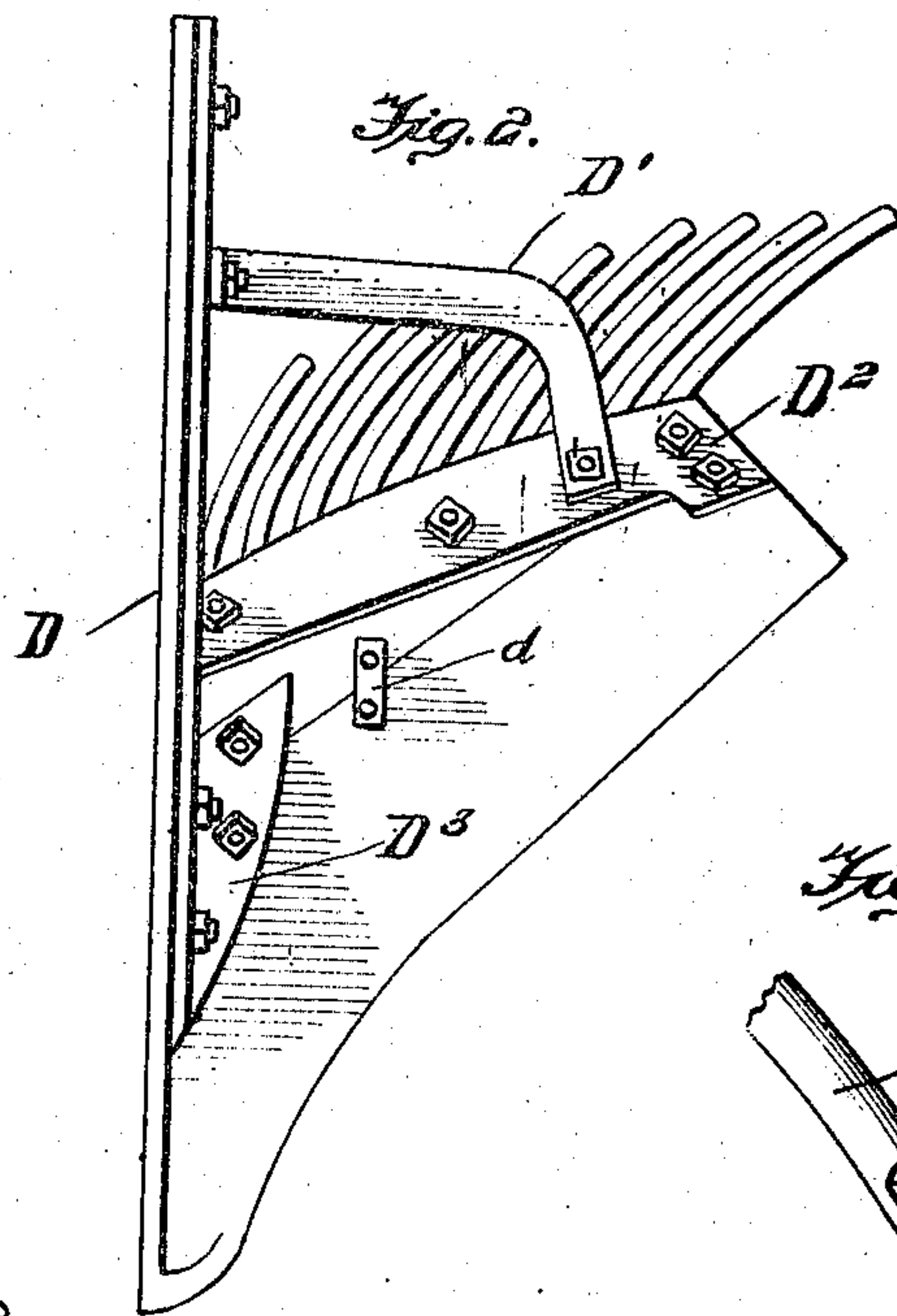
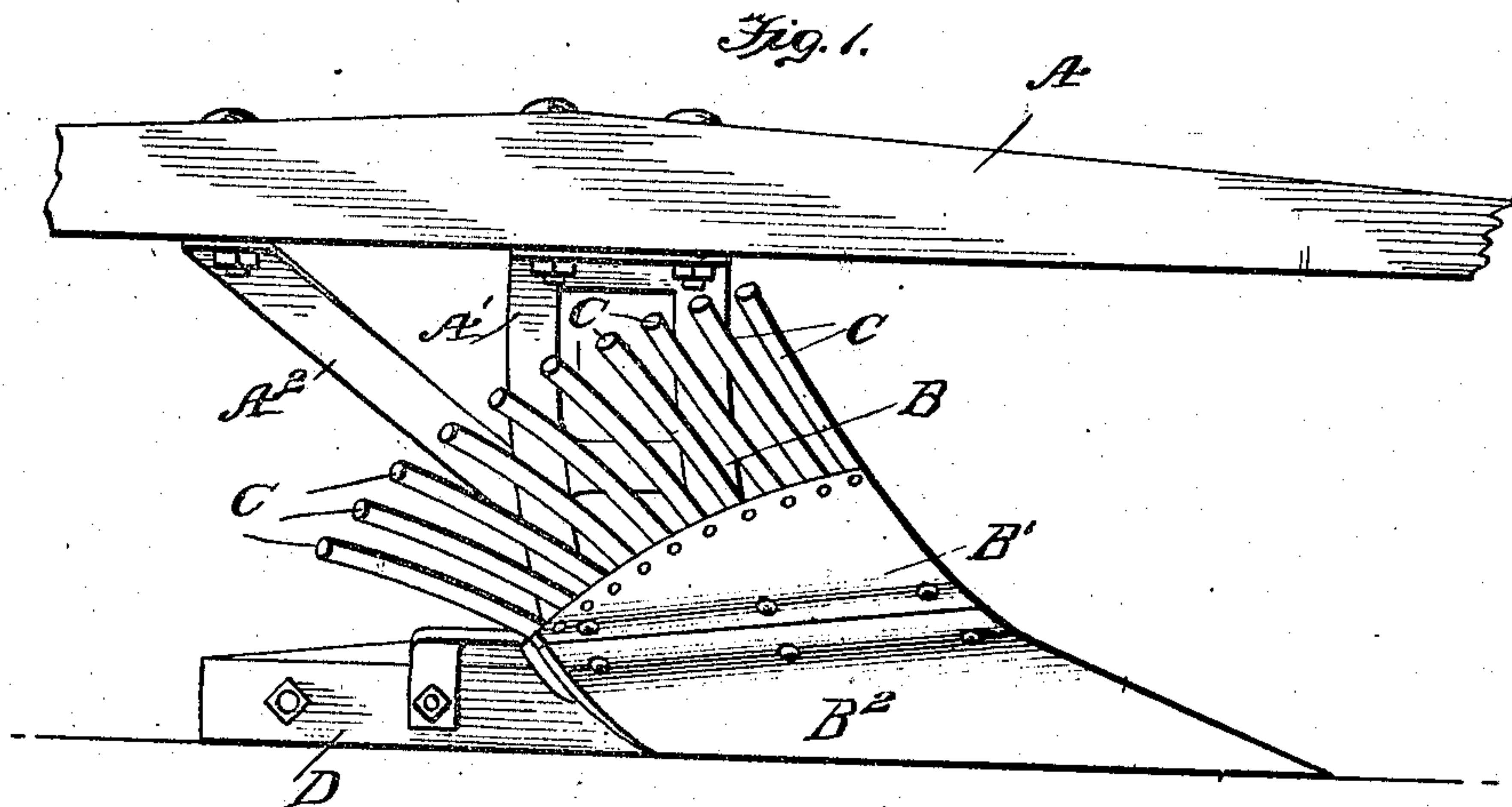


No. 881,457.

PATENTED MAR. 10, 1908.

M. O. BERGSTROM
PLOW.

APPLICATION FILED AUG. 15, 1907.



Witnesses

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MAGNUS O. BERGSTROM, OF CANTON, SOUTH DAKOTA.

PLOW.

No. 881,457.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed August 15, 1907. Serial No. 388,646.

To all whom it may concern:

Be it known that I, MAGNUS O. BERGSTROM, a citizen of the United States, residing at Canton, in the county of Lincoln and State of South Dakota, have invented certain new and useful Improvements in Plows, of which the following is a specification.

My invention relates to plows and consists in the construction and arrangement of the parts which will be more fully hereinafter described, illustrated in the drawings, and particularly pointed out in the claims.

One object of my invention is to provide a plow in which the moldboard shall be so shaped and constructed that it will slip readily and easily through sticky soil.

A further object of my invention is to provide a moldboard which will operate successfully in stubble ground without clogging.

A still further object of my invention is to provide a plow which shall be light but strong and effective in operation.

These objects I attain in the structure shown in the accompanying drawing forming a part of this application in which like parts are indicated by similar reference letters, and in which:

Figure 1 is a side view of the plow showing the moldboard in bi-section with the rods set at right angles. Fig. 2 is an inverted plan view. Fig. 3 is a detailed view of a part of the moldboard with one of the rods secured therein. Fig. 4 is a like view showing the means of attaching the front rod. Fig. 5 is a detailed view of a portion of one of the rods and the tenon attachment by which it is secured in the moldboard.

Referring now to the drawings, A represents the beam, and A', and A², the standard and brace.

B and B' represent sections of the moldboard, and B² the share. The share B² and the sections B' and B, together constitute a sectional moldboard. By reason of the wedge shape of the section B', the parts B and B² are advantageously combined therewith to form a continuous, raising and turning plane, for handling the furrow. The rods C, C, C, are secured to the upper edge of the wedge shaped plate B', said rods extending upwardly, rearwardly and curving outwardly so as to give the furrows the desired turn. The landside D and the share B² are of unusual length and the part B' is so braced by the cross-arm D', frog D², and support d that great strength is secured to the plows. This

arrangement and construction of parts give an unusual shape to the moldboard and permit the plow to slide readily through the soil, lifting the furrow easily up onto the rods where it is turned over by the bi-sectional moldboard and delivered in uniform and regular shape.

It is well known that in the western country particularly, headers are extensively used, leaving a very high stubble. The plow I here represent and describe is intended to plow stubble land, and by reason of the length of the rods forming part of the moldboard, to catch the highest part of such stubble and thoroughly turn the same under the furrow without clogging. Many attempts have been made to accomplish this purpose, but, so far as I know, without successful results. I know by actual experience that this plow will turn the stubble into the furrow and cover the same with soil.

One of the chief objections to the plows heretofore provided is their weight. I have sought to produce a plow which shall be light and strong and thus overcome the objection which has heretofore been made to other plows. This I think I have fully accomplished. While the plow is capable of performing all the service that any other plow has been made to perform, it is lighter in draft, easier managed by the plowman, and more effective in its work.

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

1. In a plow, a moldboard comprising a share, a wedge-shaped plate thereabove and secured thereto, spaced rods secured to the upper edge of said plate, said rods extending upwardly, rearwardly and curving outwardly, substantially as described.

2. In a plow, the combination with a beam, standard and landside of a moldboard, comprising a share, a plate thereabove and secured thereto, rods secured to the upper edge of the plate, said rods extending upwardly, rearwardly and curving outwardly, a frog secured to the moldboard and the landside and a cross-arm secured to the frog and landside, substantially as described.

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

MAGNUS O. BERGSTROM.

Witnesses:

H. N. COOPER,
F. J. COOPER.