

(No Model.)

M. FLYNN.
DOUBLE PLOW.

No. 327,154.

Patented Sept. 29, 1885.

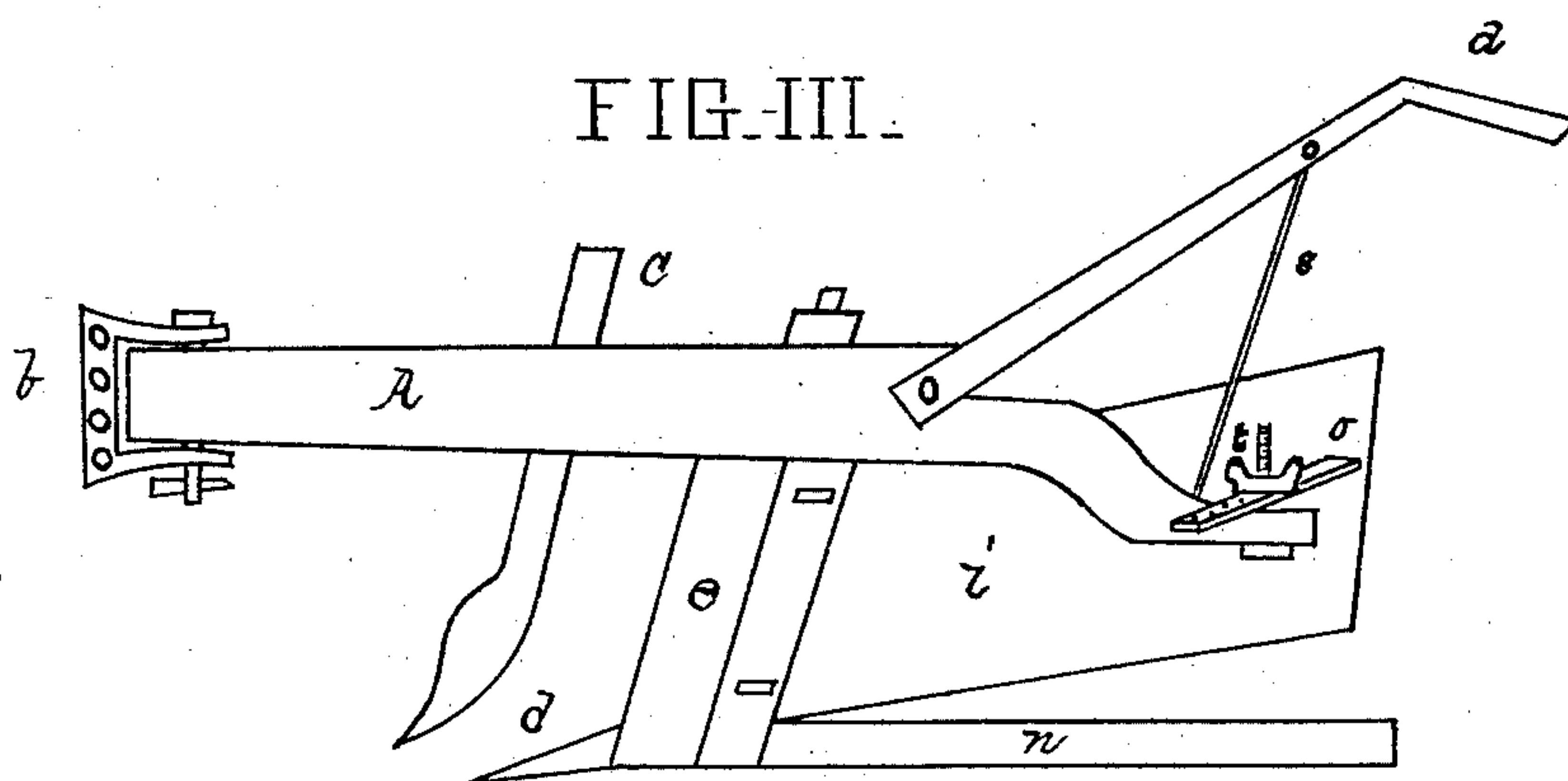
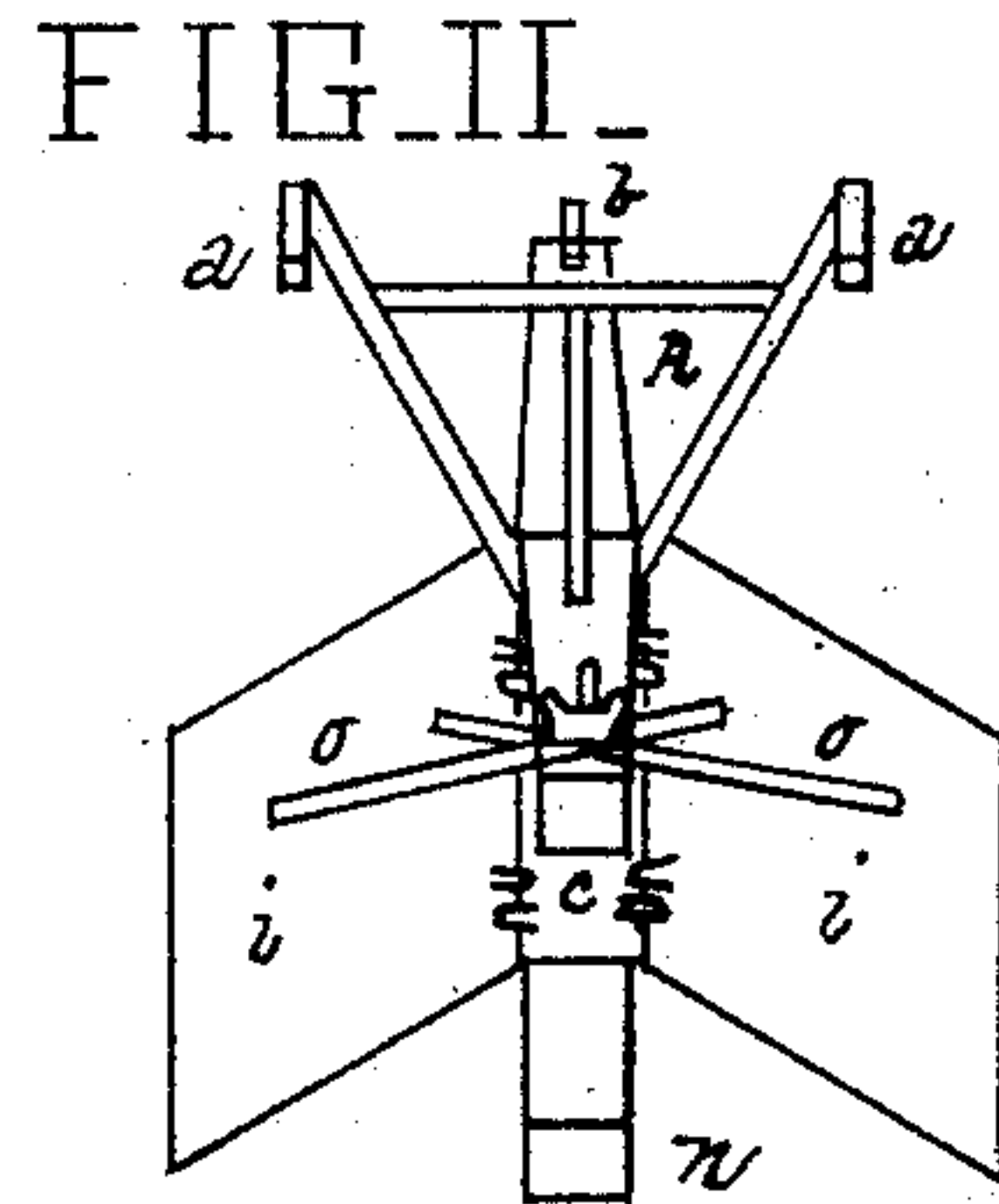
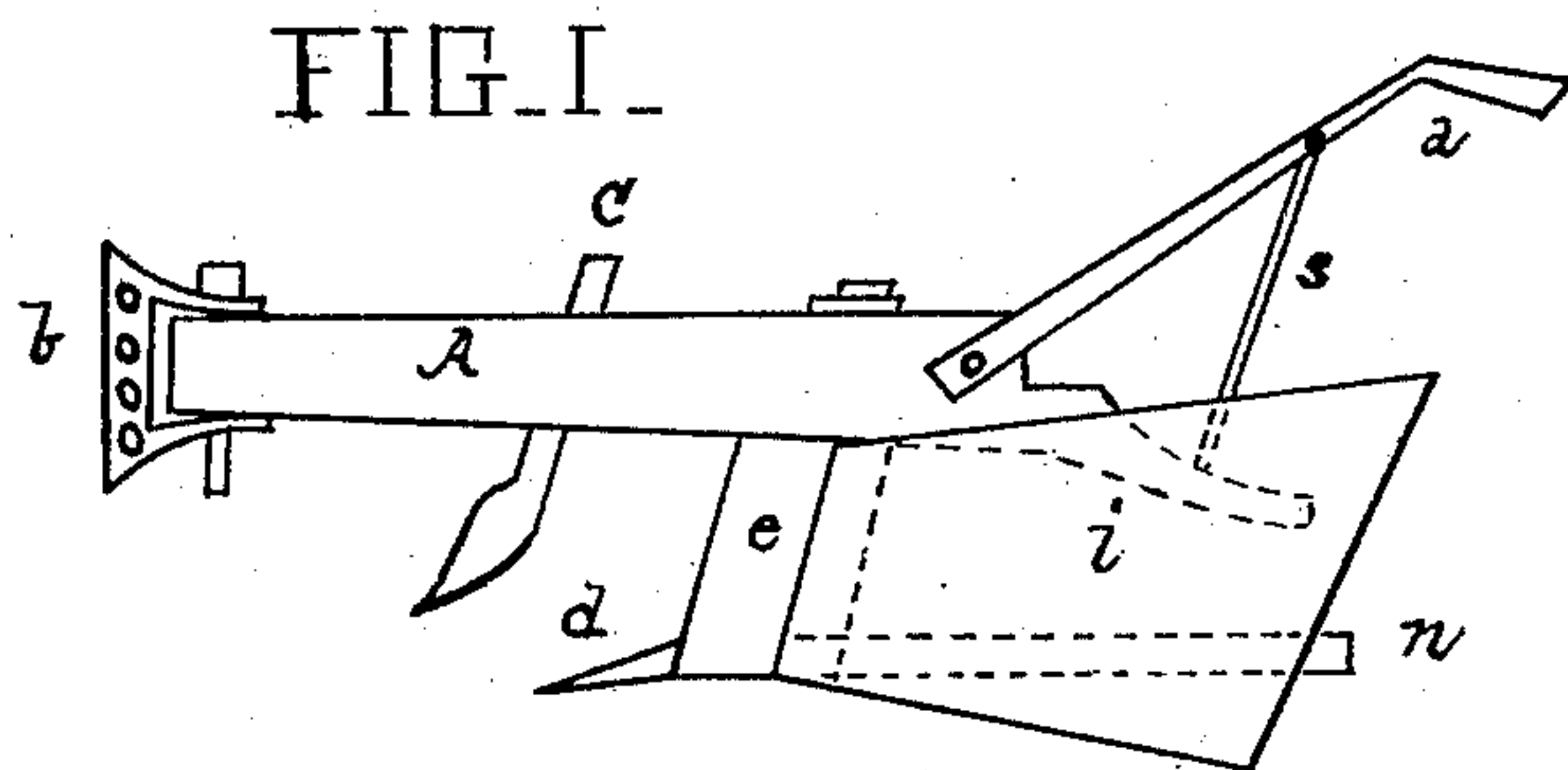


FIG. IV.

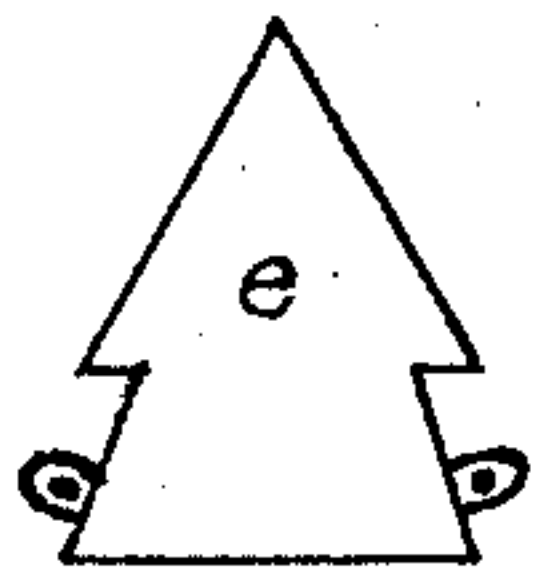
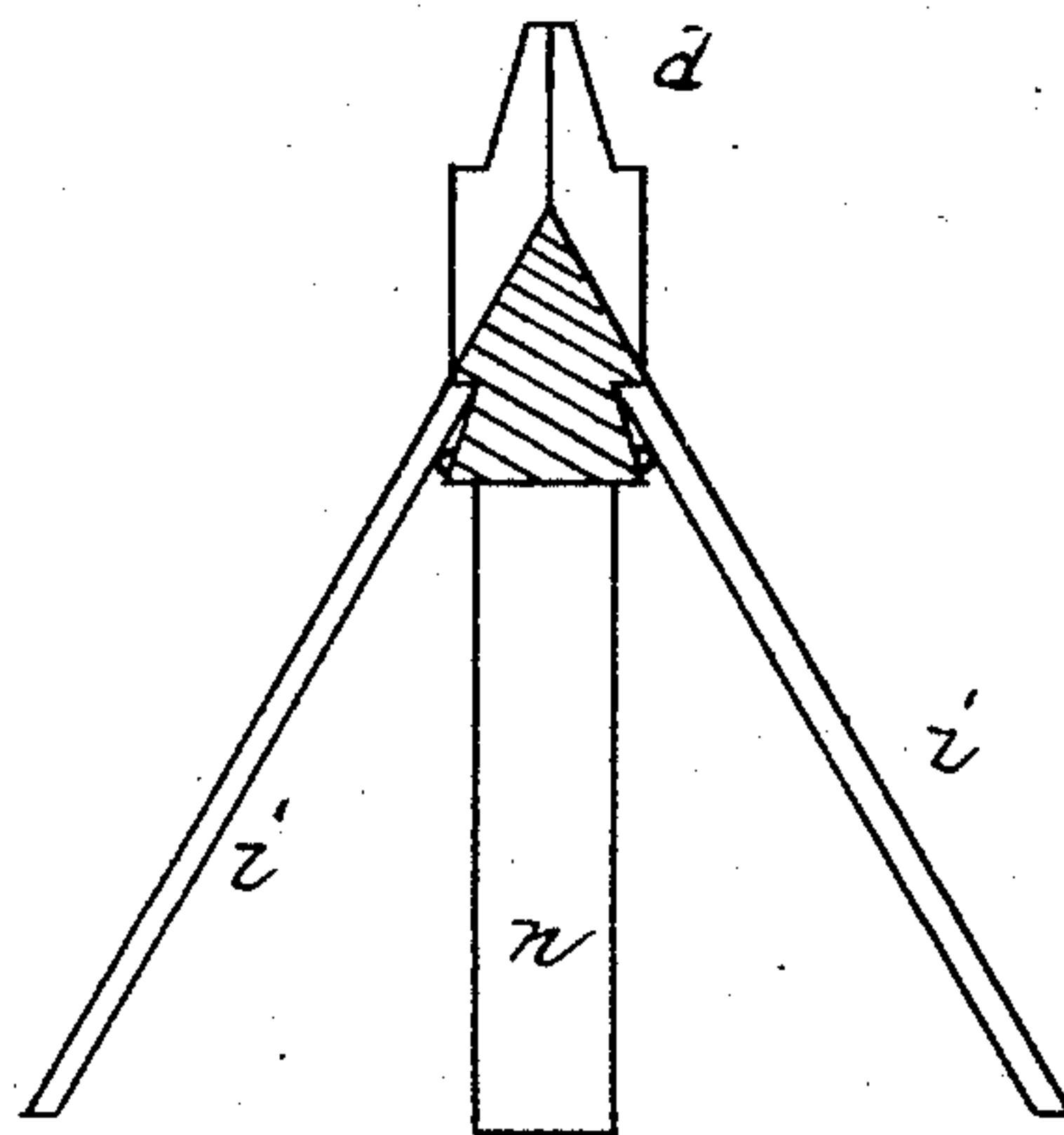


FIG. V.



Witnesses.

J. S. Fayon
W. J. Harris

Inventor.

Michael Flynn.
by W. L. Fay his Atty

UNITED STATES PATENT OFFICE.

MICHAEL FLYNN, OF ELYRIA, OHIO.

DOUBLE PLOW.

SPECIFICATION forming part of Letters Patent No. 327,154, dated September 29, 1885.

Application filed March 5, 1885. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL FLYNN, a citizen of the United States, residing at Elyria, in the county of Lorain and State of Ohio, have invented a new and useful Double Plow, of which the following is a specification.

My invention relates to improvements in double plows in which the soil or earth is parted or thrown in opposite directions equally; and the object of my invention is to provide a plow that will effectually open and close drills of any desired depth, open and clean ditches and dead-furrows, and also can be satisfactorily used for hilling-up potatoes or other crops, when desired. I attain these objects by the mechanism illustrated in the accompanying drawings, in which Figure I is a side elevation of my invention. Fig. II is a rear elevation. Fig. III is a side elevation with the left-hand wing removed, and Fig. IV is a top plan view of the standard. Fig. V is a plan view of the point, standard, sole-plate, and wings.

Similar letters refer to similar parts throughout the several views.

The beam of the plow is represented by A, to which are attached the handles *a a*, in any ordinary manner, and are further braced and secured by the rod *s*. A clevis, *b*, is also attached to the front end of the beam constructed with a series of holes at different heights for the purpose of attaching a team, and in a measure regulating the depth of the running of the plow.

C is a colter, attached to the beam in any secure manner. *e* is a standard, which is rigidly secured to the beam, and is of the form shown in the drawings, its front edge presenting an acute and equal angle to the soil and separating it in both directions at the same time. A small distance back from the front edge said standard is recessed out sufficiently to admit of two wings, *i i*, being securely hinged thereon by means of lugs and bolts, or in any other suitable manner. The outside edges of the wings *i i* should when hinged on be just even with the sides of the standard, so as to present a smooth and even surface to the soil.

d is a point which is securely fastened onto

said standard, and aids in penetrating soils and helps govern and steady the plow. *n* is a sole-plate or keel which keeps the plow in a straight line and prevents its being swerved one way or the other by unevenness or slight obstructions in the soil more to one side than the other.

i i are two wings, which are hinged to the standard and are capable of being adjusted to any angle by separating or closing their rear ends, thereby making as wide or narrow a drill or ditch as desired. The wings *i i* are rigidly held in any desired position by the bars *o o*, attached at their outer ends to said wings, and their inner ends being provided with a series of holes fitting over a bolt in a rear extension of the beam A and fastened over said bolt by means of a thumb-nut.

By means of the sole-plate or keel the plow is held very easily and runs very steadily in a straight line, which is very desirable in making shallow drills for seeding or ditches for drainage.

The wings *i i*, being long and set at a sharp angle, offer a minimum of resistance to the soil and save a large amount of power usually employed in doing the same kind of work. I have knowledge of plows being constructed with adjustable curved wings and sole-plates, and I make no claim thereto.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A plow constructed with a beam, A, provided with a recessed or grooved standard, *e*, rigidly attached thereto and presenting a sharp or acute angle to the earth, in combination with the straight adjustable wings *i i*, attached thereto, the low point *d*, and keel *n*, all as above set forth, and substantially as described.

2. The combination of the recessed standard *e*, low or flat point *d*, and sole-plate *n*, all rigidly joined together as above set forth, and substantially as described.

MICHAEL FLYNN.

Witnesses:

IRAL A. WEBSTER,

QUINCY A. GILLMORE.