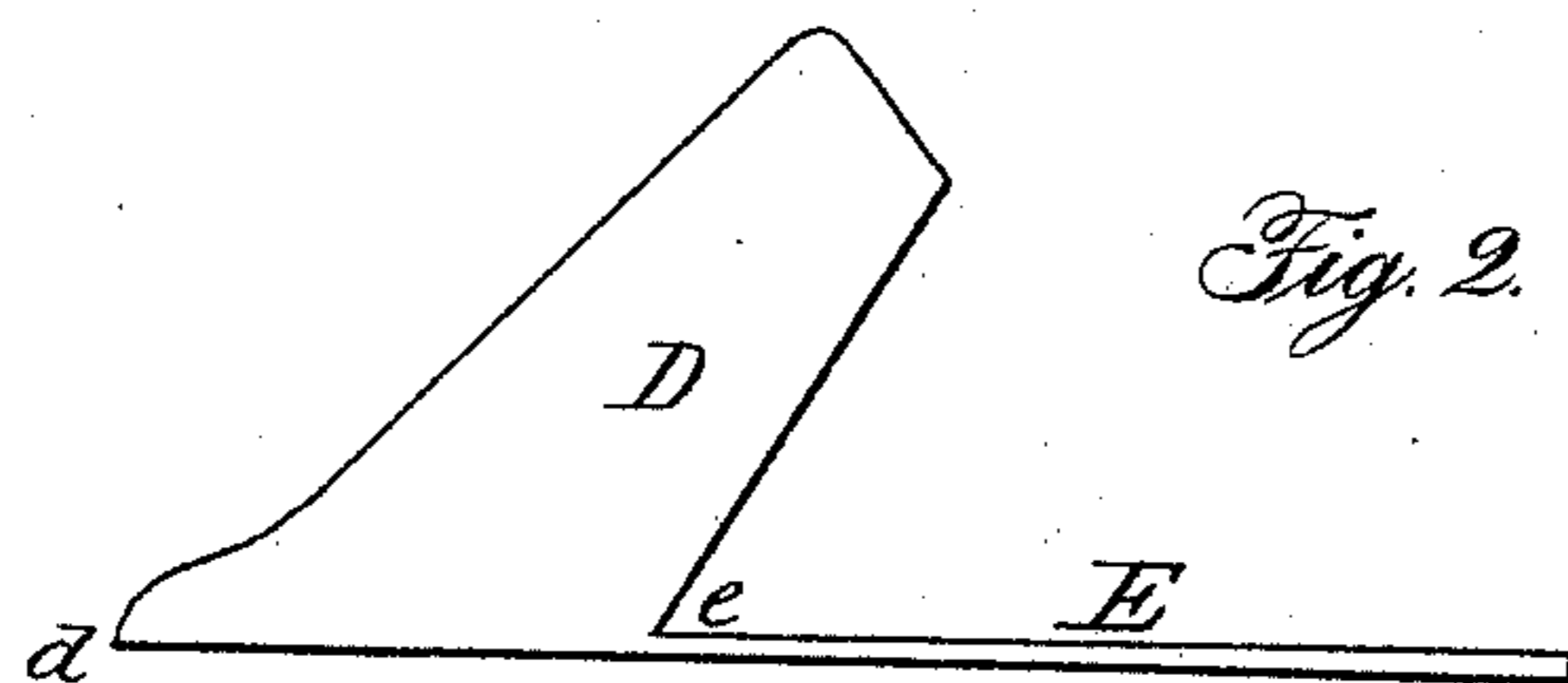
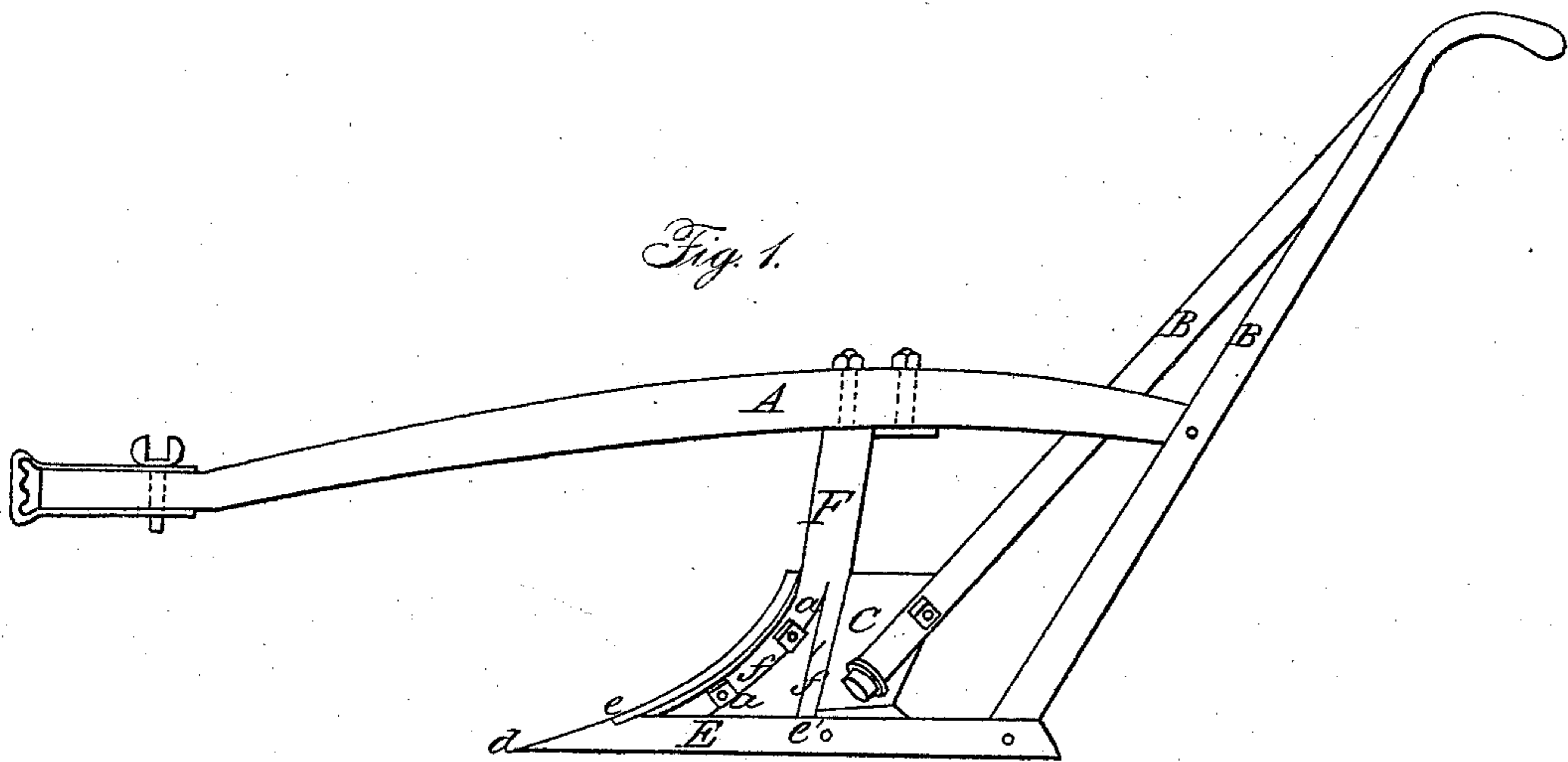


G. RINGEN.

Plow.

No. 70,267.

Patented Oct. 29, 1867.



Witnesses:

Thomas Burridge
Chas. H. Boyle

Inventor:

Gerhard Ringen
By his Atty
M. Randolph & Co.

United States Patent Office.

GERHARD RINGEN, OF SMITH CITY, MISSOURI.

Letters Patent No. 70,267, dated October 29, 1867.

IMPROVEMENT IN PLOUGHS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GERHARD RINGEN, of Smith City, in the county of Pettis, and State of Missouri, have invented a new and useful Improvement in Ploughs; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to an improved construction of the share and land-side, which are formed of one single piece, and also to an improvement in the construction of the post which couples the forward end of the plough with the beam.

To enable those skilled in the art to make and use my improved plough, I will proceed to describe its construction and operation.

Figure 1 of the drawings is a side elevation of the improved plough, and

Figure 2 is a plan of the share and land-side detached from the other parts.

The beam A, handles B, and mould-board C are of the usual construction, and hence need no particular description. The share D and land-side E are formed of one single piece of metal, or of two pieces welded at the line *d e*. The post F is secured to the beam A in the usual manner, while its bottom end is divided into two parts *f f'*, the former of which is secured, by means of the bolts *a a*, to the mould-board C, and piece *f'*, by means of the bolt *e'*, to the land-side E. The object of this arrangement of the said post F is to secure strength and simplicity of construction. By making the share and land-side in one single piece fewer bolts are used, and a joint between the parts along the line *d e* is avoided, and a joint at that place is very objectionable, as it allows the dirt to work into it and open it.

Having described my invention, what I claim, is—

The share D and the land-side E, when formed of one piece, and combined with the post F, having two branches *f f'*, substantially in the manner herein shown and described.

In testimony of which invention I hereunto set my hand and seal this fifth day of October, A. D. 1866, in presence of—

GERHARD RINGEN. [SEAL.]

Witnesses:

M. RANDOLPH,
CHAS. H. BOYLE.