

J. D. Alvord,

Drawing Wire.

No. 102,468.

Patented May 3, 1870.

Fig. 1

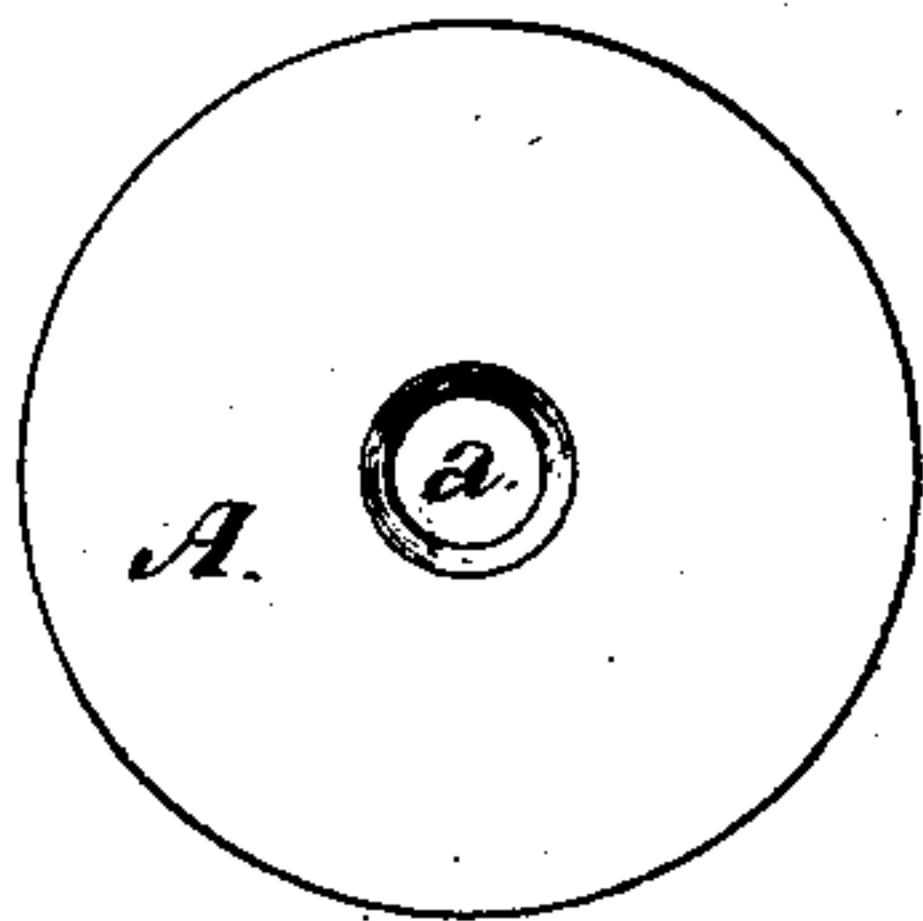


Fig. 2



Witnesses:
Geo. Heyton,
Baltis De Long.

Inventor:
J. D. Alvord
by his atty
Wm. L. Baldwin

United States Patent Office.

JOSEPH D. ALVORD, OF BRIDGEPORT, CONNECTICUT.

Letters Patent No. 102,468, dated May 3, 1870.

IMPROVEMENT IN DIES FOR DRAWING WIRE.

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, JOSEPH D. ALVORD, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a certain new and useful Improvement in Dies for Drawing Wire, of which the following is a full, clear, and exact description.

The object of my invention is to so construct a die for drawing wire that the substance for lubrication shall pass into and through the die with the metal and thoroughly lubricate it on all sides, and

My improvement consists in forming a spiral thread or groove in the die.

In the accompanying drawings—

Figure 1 is a plan or top view of my improved die, and

Figure 2 a central section of the same.

As the metal is drawn through the die A oil is supplied in the usual way, and enters the groove *a* in the die, and follows its course, thus keeping the die constantly lubricated.

I claim—

The die constructed as described, with a spiral groove to lubricate it.

In testimony whereof I have hereunto subscribed my name.

J. D. ALVORD.

Witnesses:

F. HURD,

A. R. LACEY.