

J. CANFIELD.  
GOLD WASHER.

No. 34,738.

Patented Mar. 25, 1862.

Figure 1

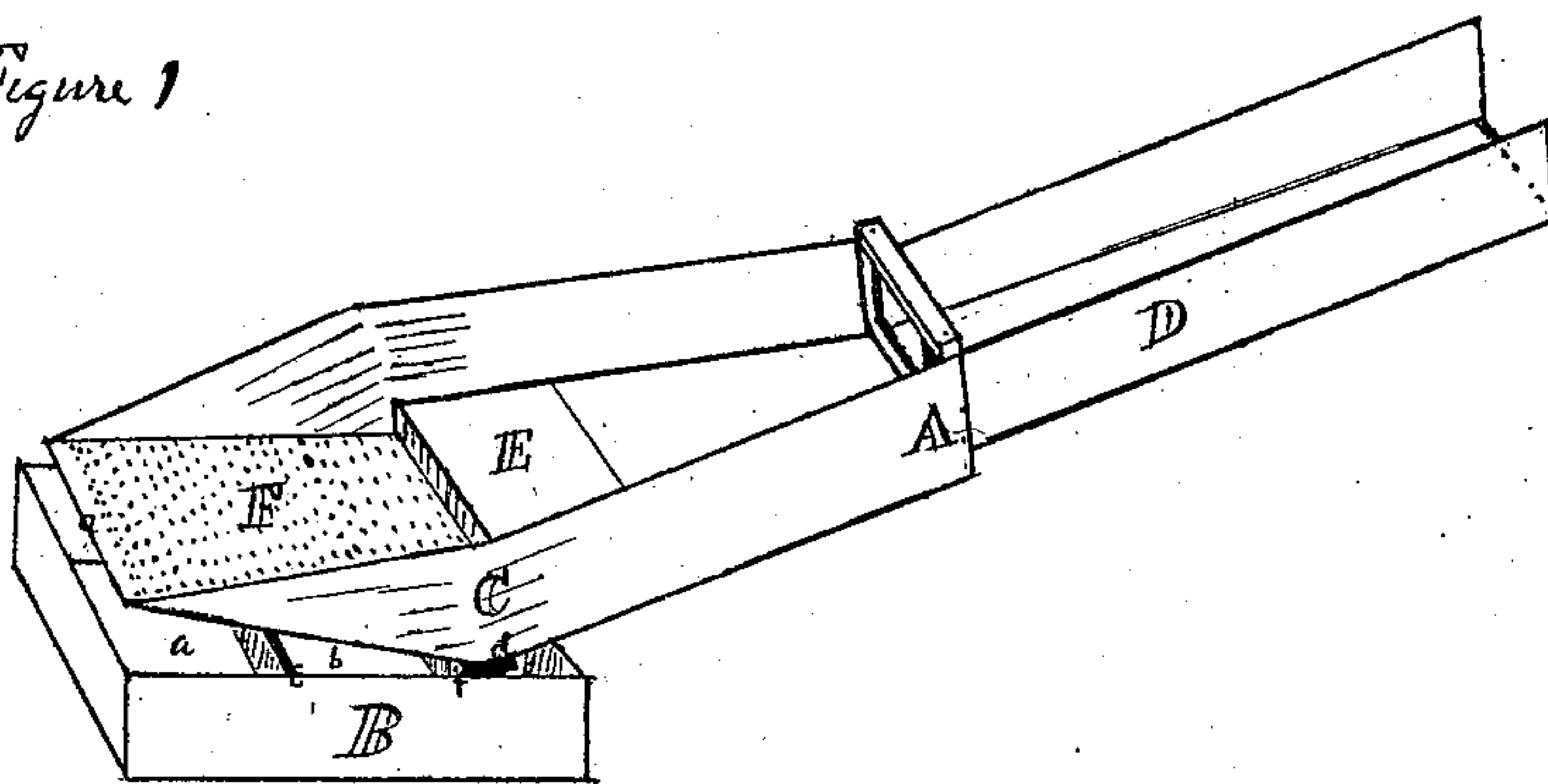
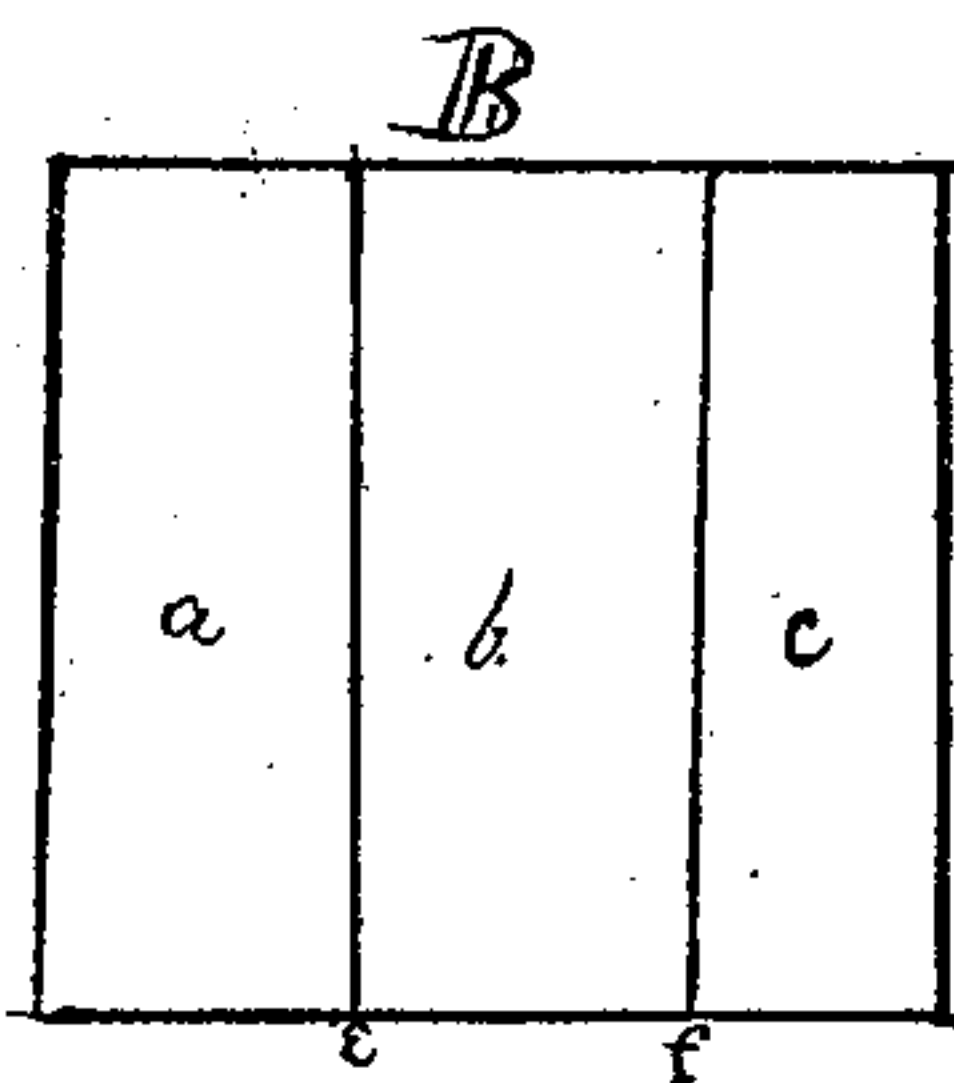


Figure 2



Witness  
{ M. C. Meunz  
Hemen Holmes

James Canfield

# UNITED STATES PATENT OFFICE.

JAMES CANFIELD, OF SABULA, IOWA.

## IMPROVED GOLD-WASHER

Specification forming part of Letters Patent No. 34,738, dated March 25, 1862.

*To all whom it may concern:*

Be it known that I, JAMES CANFIELD, of Sabula, in the county of Jackson and State of Iowa, have invented a new and Improved Gold-Washer; and I hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters marked thereon, which form a part of this specification.

The object of my invention is to wash and separate gold-dust from the earth with which it may be mixed in so thorough a manner that none of the particles may be lost; and in order that any one skilled in the art may be able to construct and use my invention I will now proceed to describe its construction and operation.

The materials of which the gold-washer is made are chiefly wood; but it may be made of any suitable metal.

Figure 1 represents a perspective view of the washer when in position for use. Fig. 2 is a plan view of the box B, in which the gold is deposited.

D is the sluiceway by which the water is conducted into the washer, is connected with

it at A, and may be removed at pleasure. That part of the bottom marked E is covered with a polished plate of brass or other metal.

F is the sieve or separator through which the particles of gold pass into the box B. It is of metal perforated with small holes, and its position is such that when the water falls upon it from E it flows or eddies back toward E and loses its force, and so does not wash the gold-dust off the edge *g* to be lost.

The bottom of B is covered with a thick cloth *a b c*, to receive the particles of gold, and is kept in place by the movable partitions *e* and *f*, and may be taken out by removing them. These partitions are also of use for the cleat *d*, upon the bottom of the washer, to rest against to keep the washer in place.

I claim as my invention and desire to secure by Letters Patent—

The gold-washer constructed and operating in the manner and for the purposes substantially as delineated and set forth.

JAMES CANFIELD.

Witnesses:

B. B. GRAY,

R. R. MOFFATT.