(No Model.)

A. LE BLANC.

DRAINING MACHINE.

No. 355,329. Patented Jan. 4, 1887.

Fig. 1.

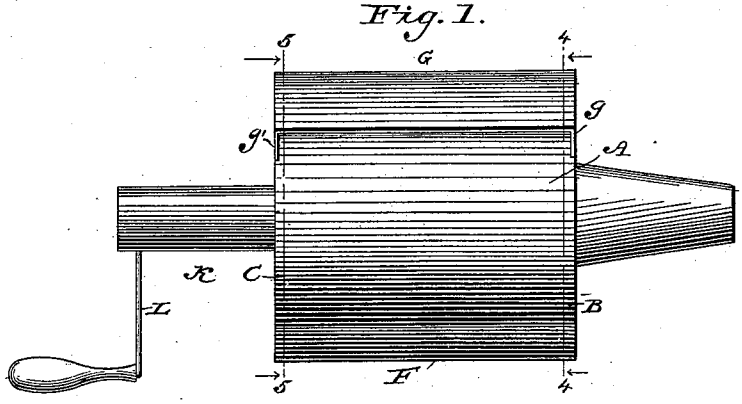


Fig. 2.

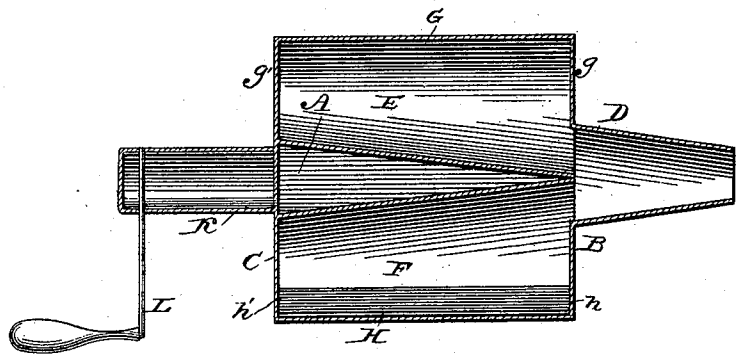


Fig. 3.

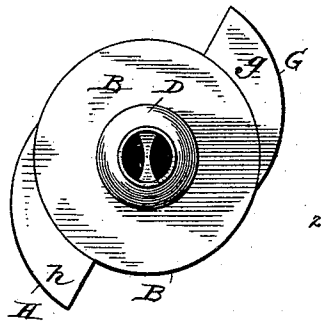


Fig. 4.

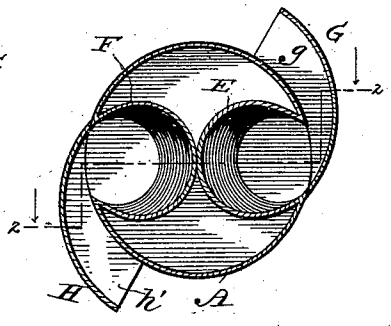
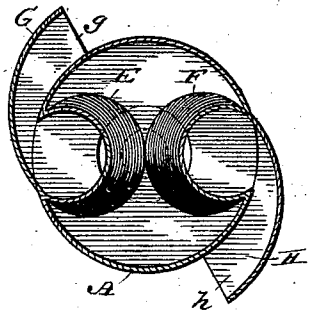


Fig. 5.



Witnesses,
H. W. Elmore,
Edw. S. Hutchins.

Inventor,
Alfio LeBlanc

By his Attorney
W. R. Stringfellow

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

ALFIO LE BLANC, OF NEW ORLEANS, LOUISIANA.

DRAINING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 355,329, dated January 4, 1887.

Application filed August 23, 1886. Serial No. 211,697. (No model.)

To all whom it may concern:

Be it known that I, ALFIO LE BLANC, a citizen of the United States of America, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Draining-Machines for Lands and other Drainages, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to certain new and useful improvements in apparatus especially designed for draining land in a rapid and effective manner, the novel features of construction being hereinafter fully described, and particularly pointed out in the claim.

In the accompanying drawings, illustrative of my invention, Figure 1 represents the same in elevation. Fig. 2 represents a sectional view upon the line 2 2 of Fig. 4. Fig. 3 represents an end view; and Figs. 4 and 5 represent sectional views upon the lines 4 4 and 5 5, respectively, of Fig. 1.

Similar letters of reference indicate similar parts throughout the several views.

The apparatus consists, primarily, of a cylindrical body or drum, A, provided with opposite heads B and C, to which are connected the trunnions D and K. The trunnion K is provided with an operating-handle, L, for effecting the revolution of the apparatus when in use. The trunnion D is hollow, and communicates with the interior of the drum or cylinder, as shown.

Within the cylinder, and connected to the inside surfaces of the cylinder-heads, are located the inclined troughs E F, opening into the hollow trunnion. Communicating with these troughs are wing-buckets G H, connected along their inner edges to the drum periphery, and having their main body portions extending outwardly in a curve eccentric to the drum. The ends G G′ and H H′ of these buckets are flaring, as shown, and are connected with the ends of the drum, as shown.

The operation of my invention is as follows: The apparatus being mounted upon suitable supports over the place to be drained, a rotary motion is imparted to it by means of the handle F, and the wing-buckets thereupon take up the water and discharge it by means of the inclined troughs into the hollow trunnion D, whence it may be conveyed away in any suitable manner.

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

A draining-machine consisting of a cylindrical drum provided with trunnions, one of which is hollow, secured to the heads of the drum, buckets having flaring ends secured to the heads of the drum, and a main body portion eccentric to the drum and secured along its inner edge to the drum periphery, and inclined troughs leading to the hollow trunnion and secured at opposite ends to the inner surface of the drum-heads, substantially as set forth.

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

ALFIO LE BLANC.

Witnesses:
PAUL LE BLANC,
GEORGE J. YENEWINE, Jr.