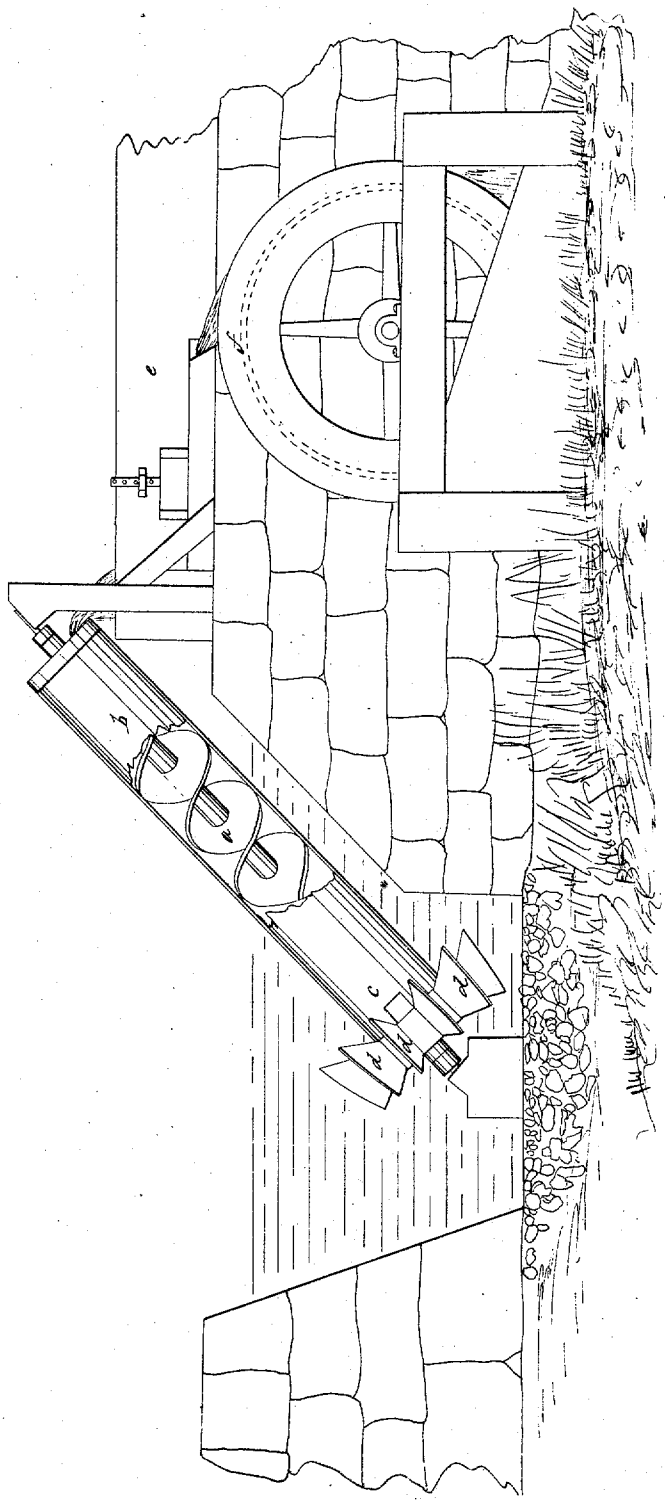
9763X

J. C. WOOD.

MACHINE FOR RAISING WATER.

Patented June 22, 1836.



THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

9763X

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June 22, 1836

Jesse C. Wood of Esphrata. New York

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Jesse C. Wood himself of his improvement in the machine for raising Water for propelling Machinery and for other purposes

Be it known that I Jesse C. Wood of Esphrata in the County of Montgomery and State of New York, have invented a new and useful improvement in the machine for raising Water for propelling Machinery, and for other purposes which is described as follows

The machine consists of a shaft around which is constructed a double threaded screw, and outside of this screw, a tight wooden or barrel forming continuous spiral tubes from one end of the shaft to the other similar to the common Archimedian screw having apertures at the lower end on the side for introducing water and apertures at the upper end for discharging it

The shaft is placed in a concave or the side lowest inclined at an angle of about 30, 40, or 60 degrees having a pulley inserted into each of its ends in suitable depth or bearings constructed to receive them by means of the current or tide acting on wings of a hydrostatical figure is a permanent manner near the lower end of the wooden barrel or screw, also the shaft turns or gathers in the water at its lower end and conveys it by its action, motion along the spiral tube to the top where it is discharged into a reservoir. From this reservoir a portion of it may be conducted by conductors or wooden troughs for propelling Machinery.

What I claim as my invention and which I desire to secure by Letters Patent, consists in the form of the wings or floats and the manner of securing them to the outsides of the cylindrical drum or barrel, as set forth by the current or tide in the

manner before described for turning the machine above mentioned for raising
bolts & cutting off the same forging

Witnesses
W. J. Elliot
Edward T. Cooke

Ellis B. Hood

396 lbs

Drawing made