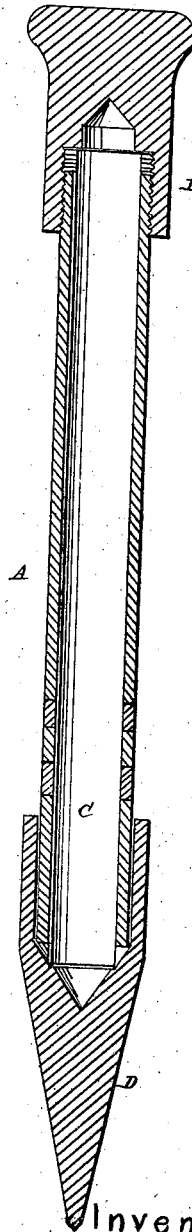
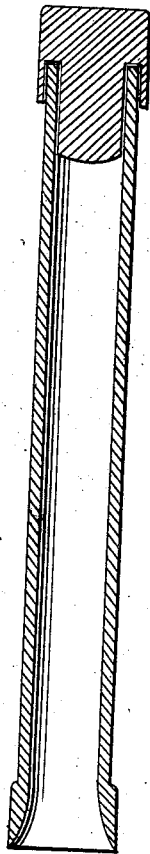
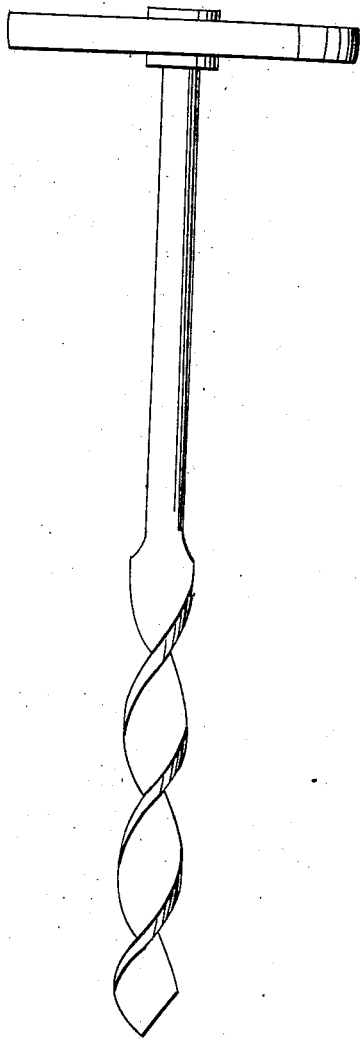


*Ashdown & Galpin.*

*Well Tubing.*

*No 51,382,*

*Patented Dec. 5, 1865.*



Witnesses:

*John P. Jacobs*

Inventors:

*Edward Ashdown  
George W. Galpin  
Hubert Alexander  
att.*

# UNITED STATES PATENT OFFICE.

EDWARD ASHDOWN AND GEORGE W. GALPIN, OF HOMER, NEW YORK,  
ASSIGNORS TO THEMSELVES AND SAMUEL B. PIERCE AND PEMBROKE  
PIERCE, OF SAME PLACE.

## IMPROVED DEVICE FOR SINKING WELLS.

Specification forming part of Letters Patent No. 51,382, dated December 5, 1865; antedated  
October 31, 1865.

*To all whom it may concern:*

Be it known that we, EDWARD ASHDOWN and GEORGE W. GALPIN, of Homer, New York, have invented certain new and useful Improvements in Wells for Drawing Water, Oil, and such Fluids; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

In the annexed drawing, making part of this specification, A represents a metallic tube, which it is intended should be inserted into an opening or hole to be bored in the ground, through which water is to be drawn. The upper end of this tube is provided with a male screw, which fits into a female screw in the cap-piece B.

At the upper end of the female screw, within the cap-piece B, is a shoulder, against which the end of the tube A fits when it is screwed up snugly to its place.

C represents a metallic rod, which fits snugly within the tube A, and being made a little longer than said tube.

D represents a pointed socket, into which the lower end of the tube A fits, the end of the tube fitting against a shoulder in the said socket. The rod C fits against the cap B at

its top, and at its lower end against the bottom of the opening in the socket D.

The tube A is provided with holes in its periphery just above the socket D, in order to allow water to enter it.

To use this well an opening or hole is made in the ground by means of the tube and auger represented in the drawing. The end of the pointed socket D is placed in the hole thus made, and by striking upon the cap-piece the tube is forced down to the required depth. The cap-piece B is then removed, the rod C is taken out, and the proper rod, with valves for drawing water, is inserted in the tube A.

The object of inserting the rod C into the tube A in driving it into the earth is to prevent injury to said tube.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The arrangement of the tube A, cap-piece B, rod C, and socket D, used in the manner and for the purpose herein set forth.

EDWARD ASHDOWN.  
GEORGE W. GALPIN.

Witnesses:

L. M. WORDEN,  
S. Z. MINER.