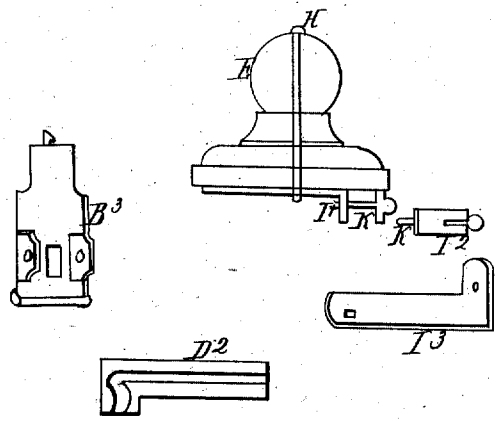
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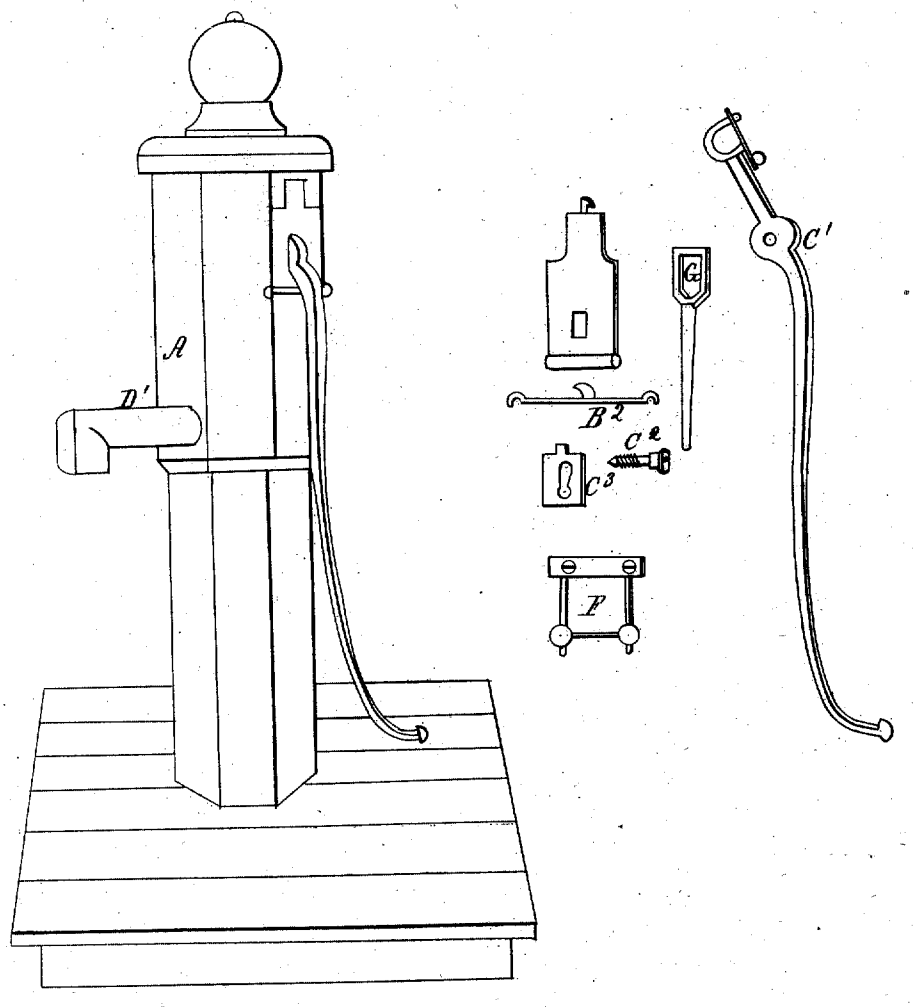
7412X

F. Krieg.

Pump Lift.

Patented Feb. 6, 1833.





N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

7H19X

Feb 6, 1833

Frederick Krieg Baltimore Md

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 Frederick Krieg himself of his improvements in pumps

Be it known that I Frederick Krieg of Baltimore in the County of Baltimore and State of Maryland have made a new and useful improvement in Pumps to prevent the introduction of hard substances through the top, handle mortice and spout which would impede the operation of the pump: the following being a full and exact description of the construction and operation of the same as invented & improved by me.

Article 1st Bot 1 (See the annexed drawings) represents the fulcrum plate made of cast iron (or wood) in one piece and screwed fast with two screw bolts having a round bar in front & a flat plate on the opposite side of the fulcrum by being made of cast iron or steel

B2 Represents a side view of the fulcrum plate with the key in which the pin of the handle works and the lower end which receives the cross bar & the hook above it receives the plate which is fastened to the cap of the pump.

Bot Represents the inside of the fulcrum plate which may have its position on the pump reversed in case the water shoulder should be on the opposite side of the handle.

Article 2d C1 C2 C3 C4. The handle is bent ... the spout which receives the pin is nearly round the hole to receive the pin being a half inch from its center & the end of the lower handle is bent in the form of a hook to receive the piston rod spear with a plate screwed on the left; the end of which plate having a small hole in the end of the hook C2 the screw C3 the plate

Article 3 Dot 1. The spout made of wood or iron with the improvement above the operation through which the rod is received made crooked instead of straight as represented in the drawing D2 which prevents any injurious substance getting into the pump thro' the spout

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Article 1st. Be it known a cap plate which is to be screwed to the cap of the pump with a round hole in the plate for receiving the tube or plate and a projection to prevent the pump spindle from turning the tube is made round that the handle may be removed when necessary. Article 2d. The upper end of the square spindle is made with a square at the top. In the common pump this part is usually made with a hook. Article 3d. A screw bolt is fastened to the cap Article 1st & 2d plate bent at one end and screwed at right angles there is a screw hole in the cap and tube plate together with a square hole at the other end to receive the upper end of tube plate made in the form of a hook. The tube plate which the screw passes. As perspective view of plate Article 1st. For a further illustration of my invention I refer to the annexed drawings and the model deposited in the Patent Office. What I claim as my invention and improvement for which I desire Letters Patent, is all that part of the pump described in Article 1st & 2d & 3d inclusive; except the part of the handle projecting from the pump & the cap. In testimony whereof I have hereunto subscribed my name this 28th day of January 1833

Witnesses
Wm. P. Elliot
Wm. G. Crouch

Fredrick Krieg

(Or in portfolio) L 736 in Pa