

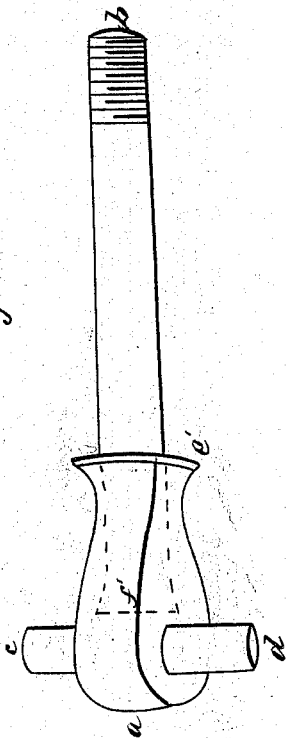
Selden & Griswold.

Pump Lever.

N^o 107,965.

Patented Oct. 4, 1870.

Fig. 3



Witnesses
L. W. Whitman
F. Curby

Fig. 1

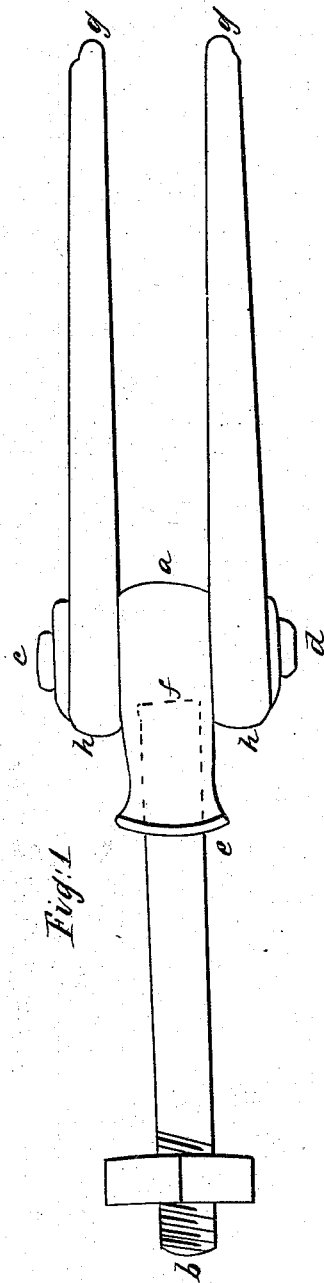
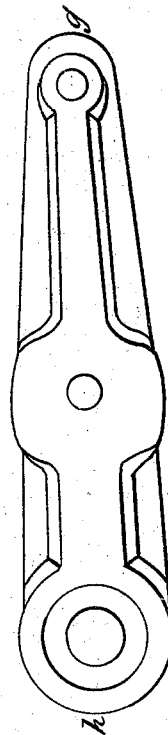


Fig. 2



Inventors
Sam^l Selden
Wm. Griswold

United States Patent Office.

SAMUEL SELDEN AND MATTHEW GRISWOLD, OF ERIE, PENNSYLVANIA.

Letters Patent No. 107,965, dated October 4, 1870.

IMPROVEMENT IN LINKS CONNECTING THE HANDLES AND VALVE-RODS OF PUMPS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that we, SAMUEL SELDEN and MATTHEW GRISWOLD, of Erie, in the county of Erie and State of Pennsylvania, have invented a new and useful Improvement on the Links connecting the Handle and Valve-Rods of Pumps; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making part of this specification, in which—

Figure 1 is a perspective view;

Figure 2 represents the side irons, which are bolted to the suction or valve-rod; and

Figure 3, the iron by which the link is bolted to the pump-handle.

The peculiarity of the construction is the part of the link represented by fig. 3, or by *a b c d*, fig. 1.

This is composed of the wrought-iron pin and bolt *c d* and *f b* in the cast-iron body *a e*.

The latter is cast about *f b* and *c d*.

The end *f* is a little flattened, so as not to draw out of the casting.

By this invention the parts of the link most subject to strain and jarring are composed of wrought-iron, and the link is rendered very light and durable.

We do not claim as our invention casting one metal upon or within another, nor do we claim the use of any particular metal for any given purpose.

Our invention relates to the precise article of manufacture we produce, the peculiarities of which are as particularly shown and described to be the adaptation and arrangement of the different parts thereof, with reference to the wear and strain upon them, the assignment of appropriate metals to the special uses and requirements of the parts, and the connection of these parts together to form the whole, which we have minutely described; therefore,

What we claim as our invention, and desire to secure by Letters Patent, is—

The part of the link of the pump-handle and valve-rod *a b c d*, constructed, with the bolt *f b* and pin *c d*, of wrought-iron, and the surrounding part *a e* of cast-iron, substantially as described, for the purpose specified.

SAML. SELDEN.
M. GRISWOLD.

Witnesses:

J. W. WITMORE,
F. CURTZE.