

L. Patric,
Water Wheel.

No 81,938.

Patented Sept. 8, 1868

Fig. 2

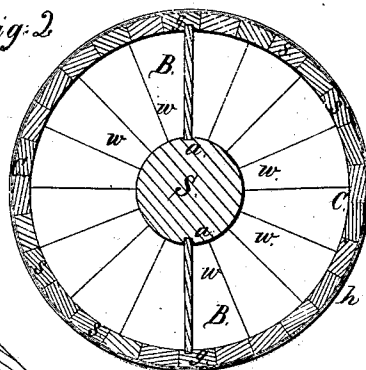
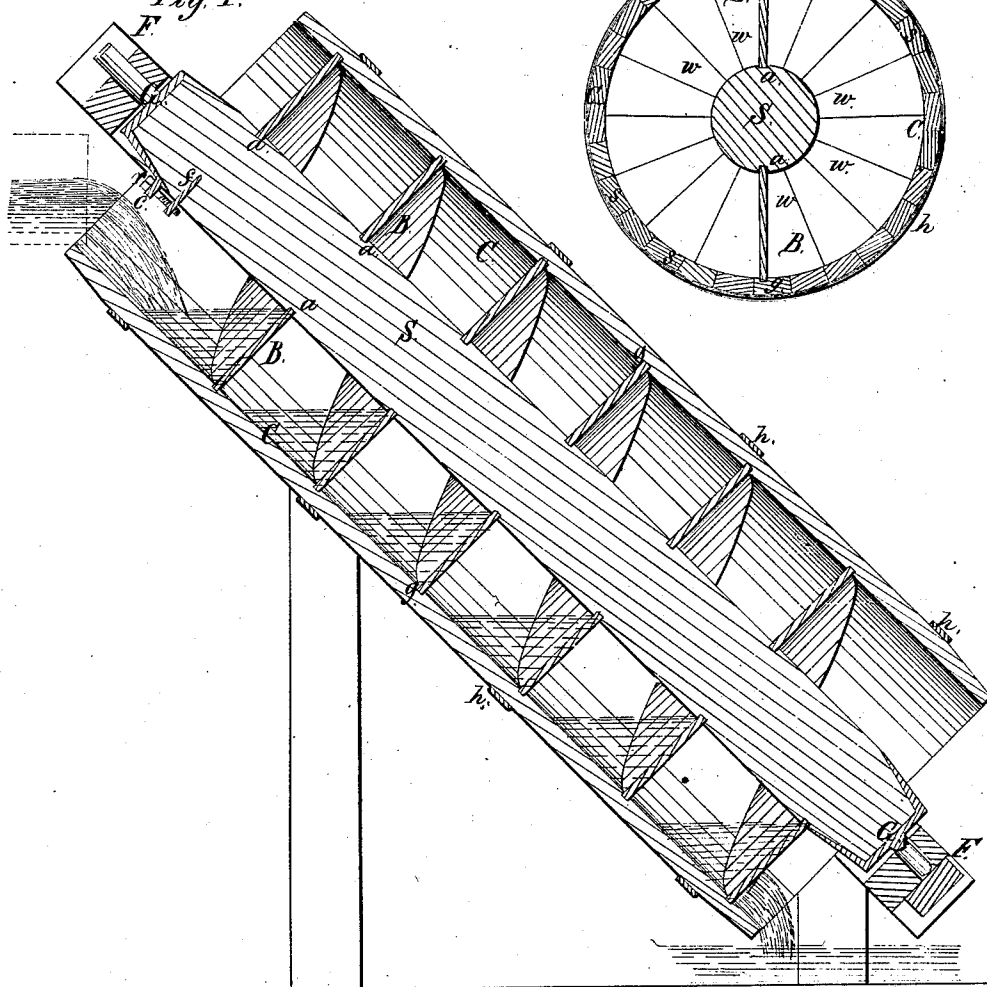


Fig. 1.



Witnesses:

Era A. Hubbard
P. L. Turner

Inventor:

L. Patric
By J. M. Laughborough
Att'y

United States Patent Office.

LEWIS PATRIC, OF SHORTSVILLE, NEW YORK.

Letters Patent No. 81,938, dated September 8, 1868; antedated August 27, 1868.

IMPROVED SHAFT-JOURNAL.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LEWIS PATRIC, of Shortsville, in the county of Ontario, and State of New York, have invented a new and useful Shaft-Journal; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a vertical central section of my invention.

Figure 2 is a transverse section of the same.

Like letters indicate corresponding parts in both figures.

The nature of this invention will be better understood by reference to the drawings and specification. It is more especially designed for the suspension of inclined water-wheel shafts, and is found to be a very efficient and convenient method.

The shaft *S* is supported in socket-gudgeons *G*, as shown, and they may either or both be provided with two or more lugs, *c*, to receive the clamping-screws *r*, which are tapped into the eye-bolts *f*. By this means, the gudgeons or journals may be turned up or tightened with the greatest facility. The gearing may be attached to the case or to the shaft, as may be desired. The end of the shaft should be cut so as not to touch the top of the socket of the journal before binding firmly against the sides.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination with the socket-gudgeons or journals *G* and shaft *S*, the screw or threaded eye-bolt *f* and clamping-screw *s*, as and for the purposes set forth.

LEWIS PATRIC.

Witnesses:

WM. S. LOUGHBOROUGH,

L. M. NEWTON.