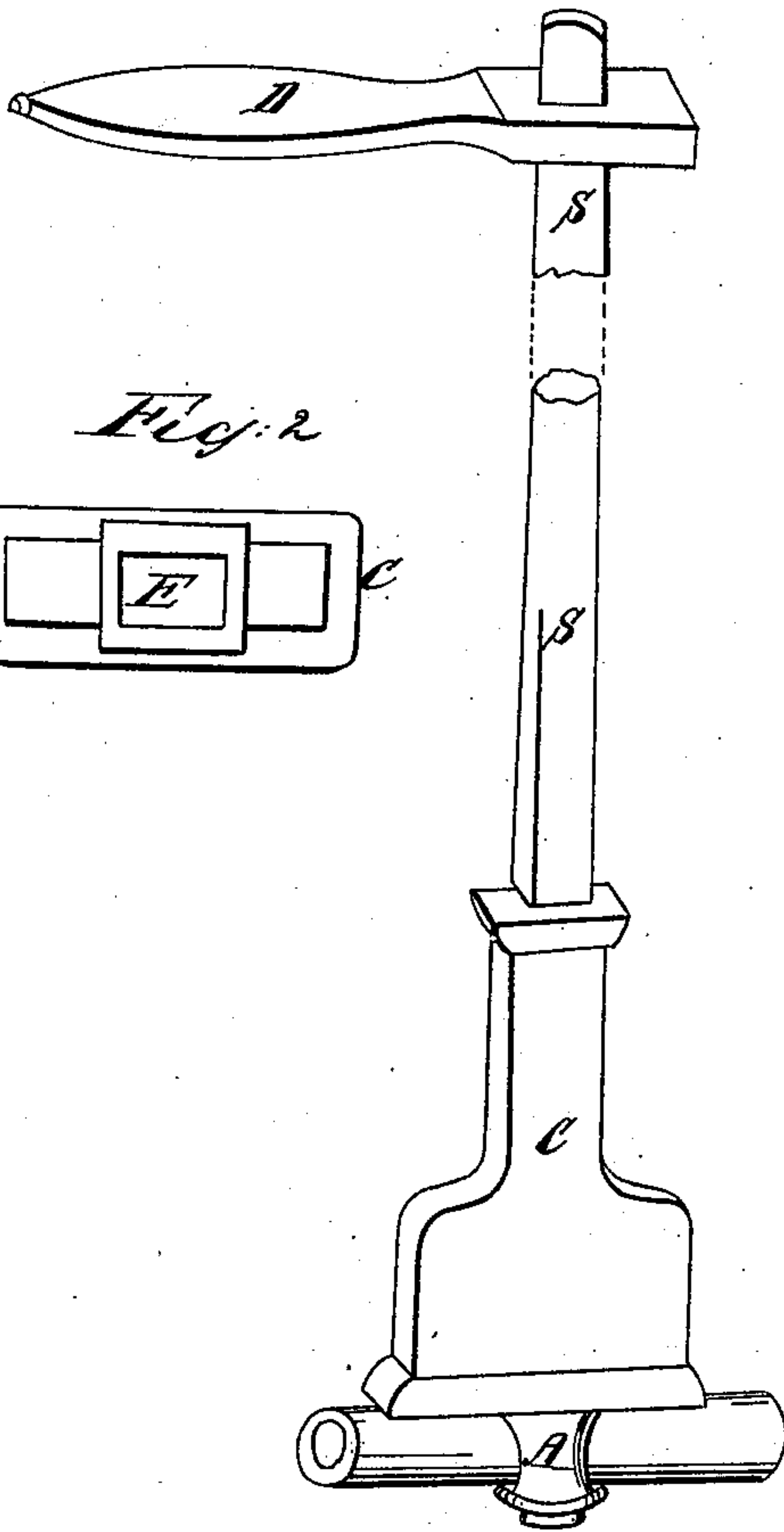


*P. H. Griffin,  
Wrench.*

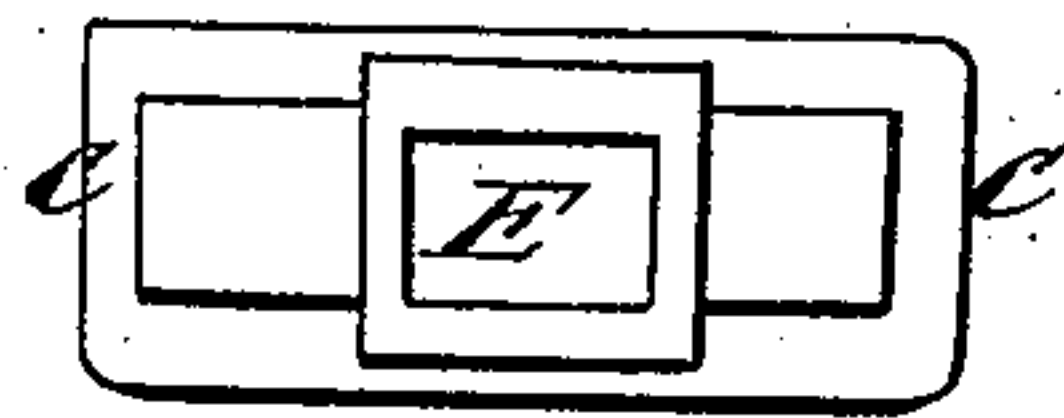
*No 82,827.*

*Patented Oct. 6, 1868.*

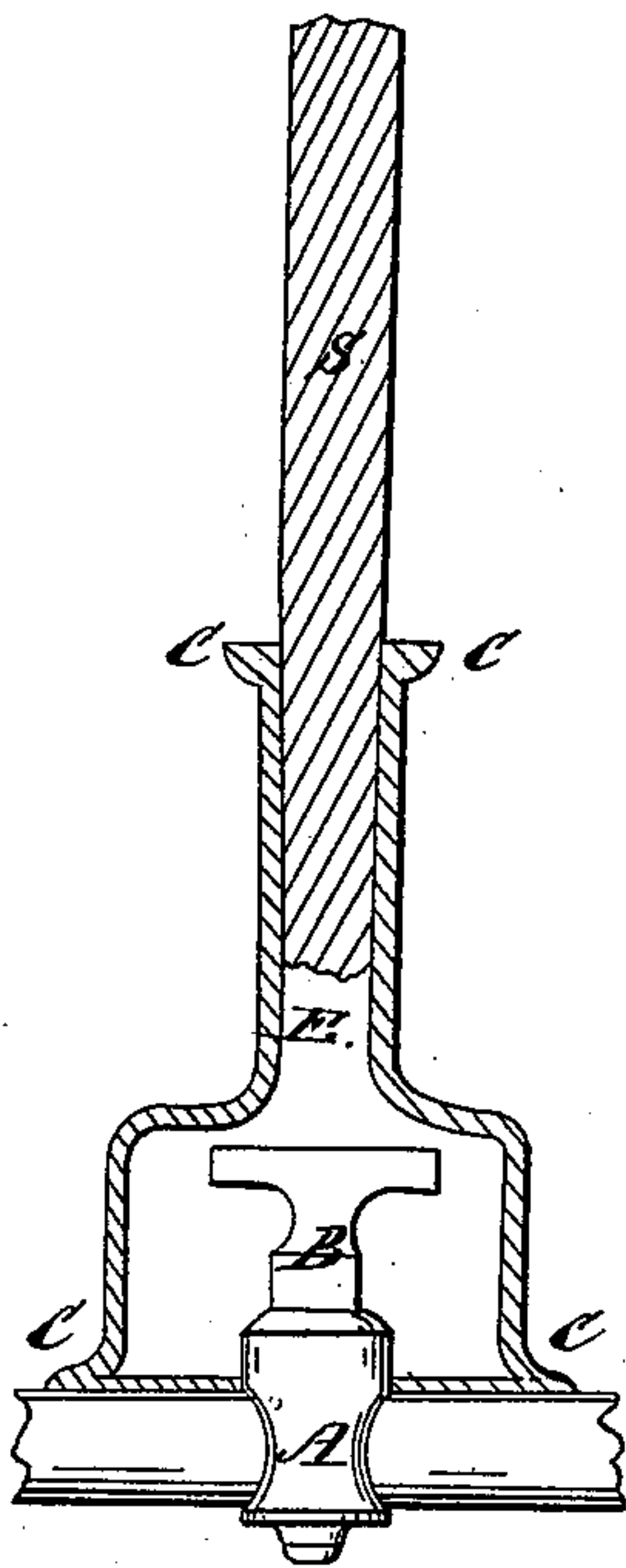
*Fig. 1*



*Fig. 2*



*Fig. 3*



*Witnesses*

*J. M. Colure  
John W. Cahill*

*Inventor*

*Patrick H. Griffin*

# United States Patent Office.

PATRICK H. GRIFFIN, OF ALBANY, NEW YORK.

*Letters Patent No. 82,827, dated October 6, 1868.*

## IMPROVEMENT IN KEYS FOR HYDRANT-COCK.

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

Be it known that I, PATRICK H. GRIFFIN, of the city of Albany, State of New York, have invented a new and useful Method of Constructing Keys for Operating the Stop-Cocks of Hydrants, or for analogous purposes; and I declare the following specification, with the drawings forming part thereof, to be a full and complete description of my invention.

Figure-1 represents the key in perspective.

Figure 2, the same, as seen from above.

Figure 3, the same, with the near half of the socket removed, to show its application to a stop-cock.

Similar letters denote the same parts of the apparatus.

A represents an ordinary stop-cock, with its usual faucet-handle, B. The key is composed of a socket or oblong hollow block of cast metal, C, fitted to pass freely over the faucet-handle, the long direction of its cavity fitting over the handle lengthwise, and the narrow along its sides. The upper part is fitted with a tapering bore or socket, E, to fit the lower part of a stem or rod, S, by which the key is operated. The end of this stem should be square, tapering slightly downwards, as shown, although it may be made round, but then it must be secured by a pin, to prevent its turning around in the socket.

The rod is worked by a handle or wrench, D, fitted to it in the usual manner.

The block C is to be made of composition, cast iron, or malleable iron, and the rod S of wrought iron or steel.

The way in which such keys are usually made, is to forge the socket of wrought iron, and then weld the rod to it, which is an expensive operation.

That which I consider to be my improvement is the casting of the socket of a cheap metal, and connecting with it, as shown, the rod or stem, all which can be done for a much less sum than by any mode of making keys for stop-cocks now in use, thus making a new and a cheaper article for the public.

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

As an article of manufacture, the cast-metal socket C, constructed substantially as described and for the purpose set forth.

PATRICK H. GRIFFIN.

Witnesses:

J. C. McCLURE,

JOHN H. CAHILL.