

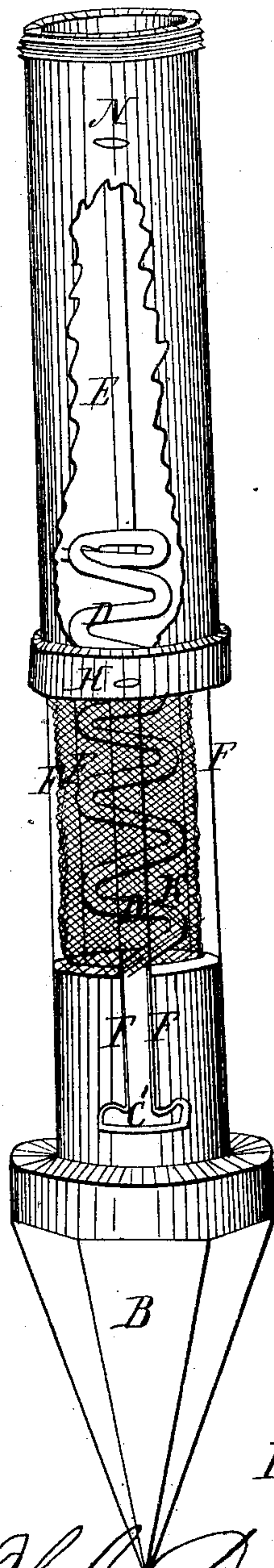
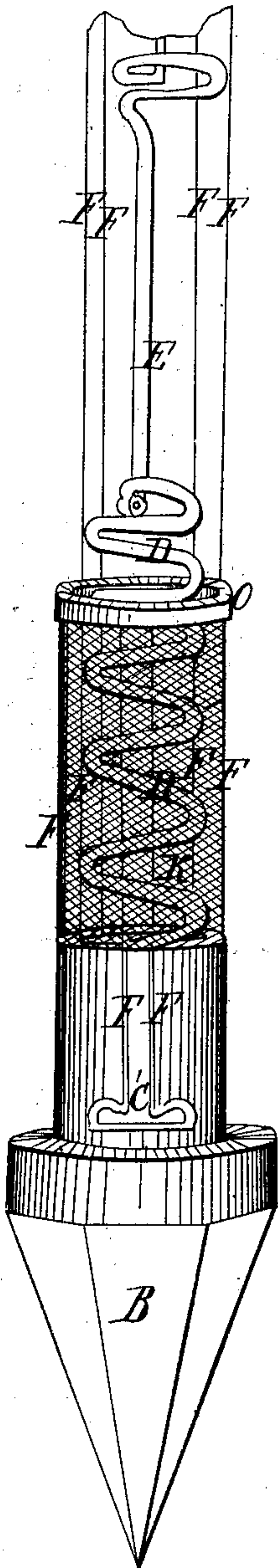
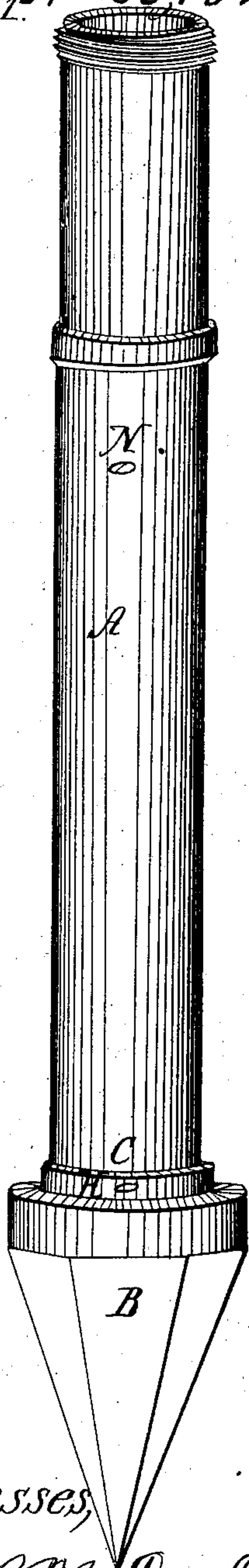
H. G. Cady, Well Tubing.

No. 1. N^o 69762.

Patented Oct. 15, 1867.

No. 2.

No. 3.



Witnesses,

W. M. Peck
Charles H. Chapin

Inventor,

H. G. Cady

United States Patent Office.

HENRY G. CADY, OF ST. LOUIS, MISSOURI.

Letters Patent No. 69,762, dated October 15, 1867.

IMPROVED WELL-POINT.

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, HENRY G. CADY, of the city and county of St. Louis, State of Missouri, have invented a new and useful improvement in Well-Points; and I do hereby declare the following to be a full and exact description of the same, reference being had to the annexed drawing, with letters marked thereon.

Figure 1 in the drawing consists of a transverse half section of my well-point, showing the interior thereof.

B is a cast-iron point, with a groove in it, to receive a small peg protruding from the inside of the pipe A, which prevents the pipe from turning on said point; this point is also furnished with a screw-thread and shoulder, to fit in the thread and shoulder of the band H, as seen in the drawing. K is a perforated tin tube, bent at its lower end so as to be held permanently between the shoulders of H and B, as shown in the drawing, and provided at the upper end with a fold bent outward, so as to engage a similar fold on the inside of the tube P. These welts may be seen at N. P is a metallic tube or sleeve fastened at the upper end to the pipe A, between a shoulder on the pipe and the socket R. At the lower end it is provided with a welt that is bent inward, to engage a similar one on the tube K. This tube serves to protect the screen and withdraw the point. A is a piece of gas pipe that passes inside the tubes K and P, and rests with its lower end on the upper shoulder of B, while the point is being driven. Also, the upper end of this pipe A is furnished with a thread to operate in the thread of the socket R, and also with a small shoulder to fasten the upper end of the outside tube or sleeve permanently to the pipe A. The socket R is provided with a thread in the upper end, so as to fasten on additional pipe. It will be remembered that K is inside of the tube P, and that A is inside of the tube K, and that P is made fast at the upper end to A, as above described, leaving room for K to pass up between P and A. Also, that K is made fast to B by screwing the shoulders of B and H together, as above described.

The advantages of my invention over others are, first, the cheapness and simplicity of its structure; second, the screen being outside the pipe, gives a much larger surface for the admission of water; third, the groove and peg prevent the pipe from turning while additional pipe or the pump is being attached; fourth, the point has sharp edges to facilitate its driving.

Now, what I claim as my invention, is—

The manner of connecting the tube K to the point B, and the tube P to the pipe A, and to each other, as above described.

HENRY G. CADY.

Witnesses:

W. M. ECCLES,

D. C. RUBY.