

(No Model.)

F. T. NEITSCH.

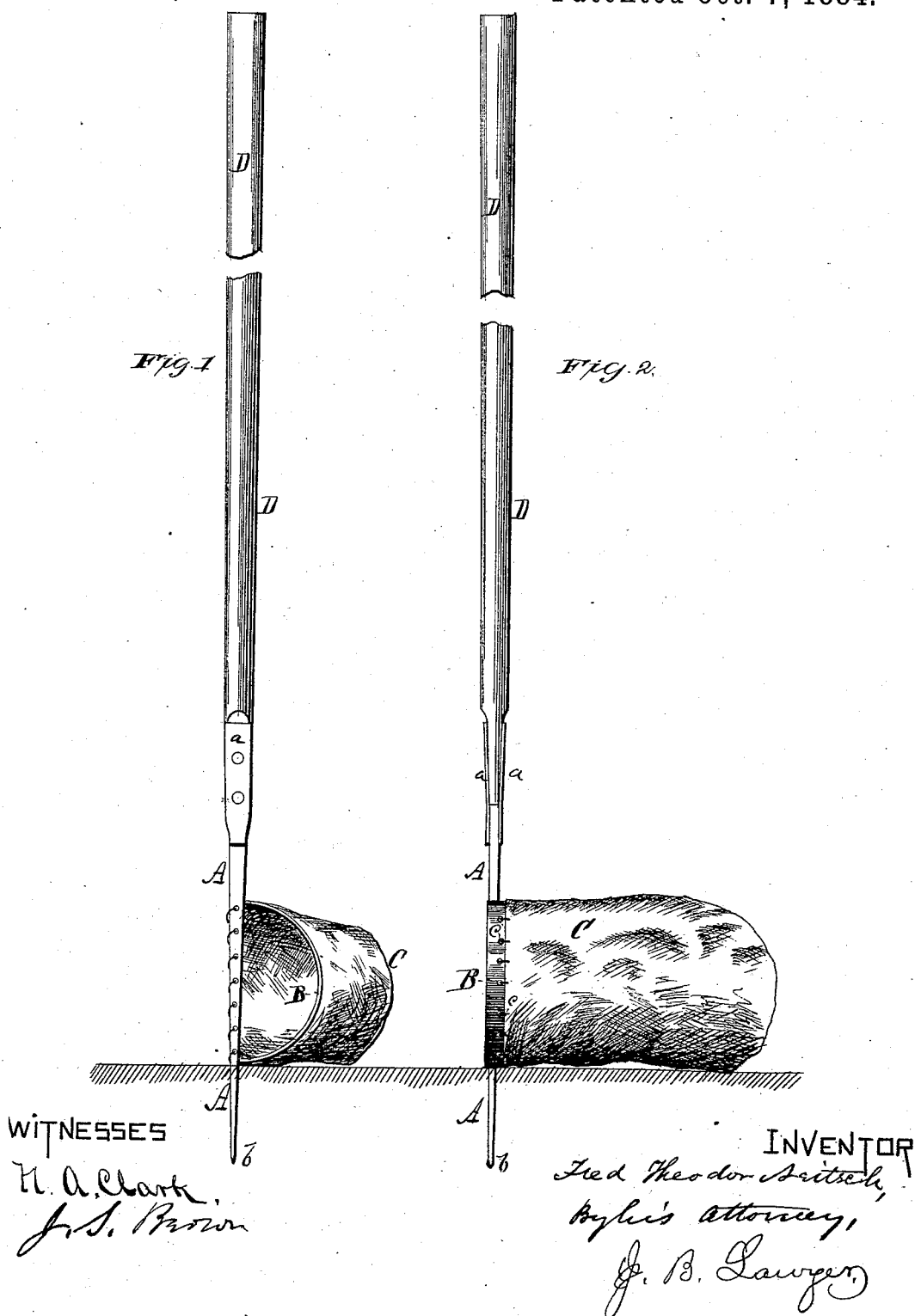
WELL CLEANER.

No. 306,094.

Patented Oct. 7, 1884.

Fig. 1

Fig. 2.



WITNESSES

H. A. Clark,
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INVENTOR

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UNITED STATES PATENT OFFICE.

FRED. THEODOR NEITSCH, OF HALLETTSVILLE, TEXAS.

WELL-CLEANER.

SPECIFICATION forming part of Letters Patent No. 306,094, dated October 7, 1884.

Application filed February 29, 1884. (No model.)

To all whom it may concern:

Be it known that I, FRED. THEODOR NEITSCH, a citizen of the United States, residing at Hallettsville, in the county of Lavaca and State of Texas, have invented certain new and useful Improvements in Well-Cleaners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of the well-cleaner; Fig. 2, a side view at right angles to the view in Fig. 1.

Like letters designate corresponding parts in both figures.

The purpose of my invention is to provide a simple instrument by which wells can be cleaned out without descending into them. It is well known that much danger exists in descending into foul wells on account of the poisonous gases often collected near the bottom of the same.

I construct my well-cleaner substantially as represented in the drawings. It consists, essentially, of a pointed shaft, A, to one side of which a curved or bent blade, B, is attached, this cutter also serving as a bow or rim for the mouth of a sack, C, attached to it. A long handle or pole, D, is attached to straps *a a*, or a socket of sufficient length to reach to the top of the well which is to be cleaned; and since wells vary greatly in depth, the handle

may be readily removable from the straps or socket to change for one of suitable length, or a short handle may be lengthened by splicing an extension thereto.

The bow or blade B is attached to the shaft A a little above the point *b* thereof, the point sticking into the bottom of the well, to serve as a pivot on which the instrument may be turned; and as the instrument is turned by the handle the said blade B cuts through the settlings or foul matter on the bottom of the well and scoops it into the sack C, this sack being attached to the rear edge of the blade, and there being holes *c c* through the blade through which fastening-stitches pass to unite the sack and blade.

When the sack is filled with mud or other foul matter, the instrument is drawn up by its handle and the sack is emptied. Then the instrument is again lowered into the well to collect another sackfull. If the well is deep and the instrument with its handle unwieldly and heavy, a small derrick may be used for raising it from the well.

I claim as my invention—

A well-cleaner composed of a shaft, A, provided with a suitable handle, D, a blade or bow, B, and sack C, substantially as and for the purpose herein specified.

In testimony whereof I affix my signature in presence of two witnesses.

FRED. THEODOR NEITSCH.

Witnesses:

R. JANKES,
JAS. McDONALD.