

W. C. WINFIELD.
Improvement in Miners' Lamps.

No. 115,143.

Patented May 23, 1871.

Fig. 1

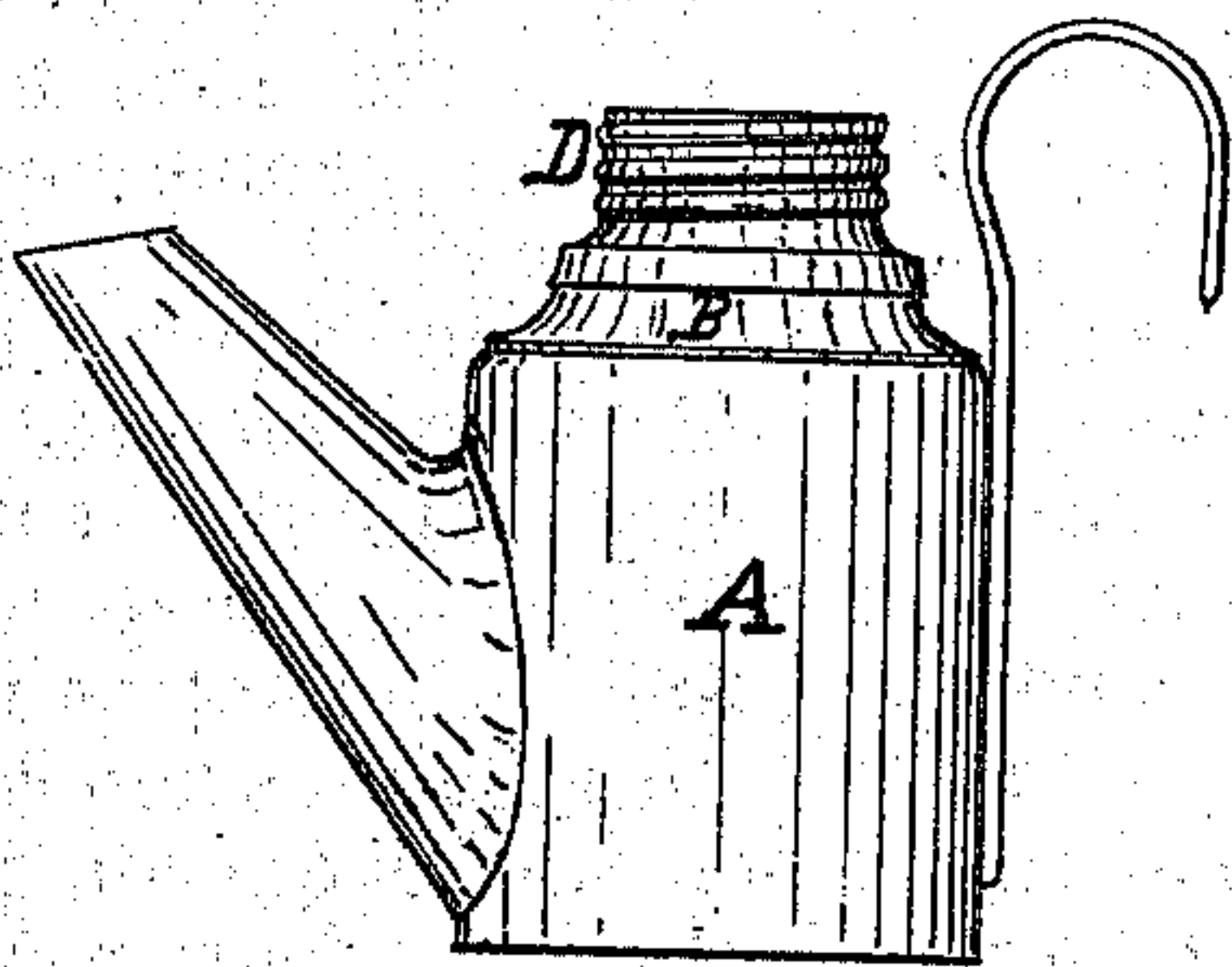


Fig. 2

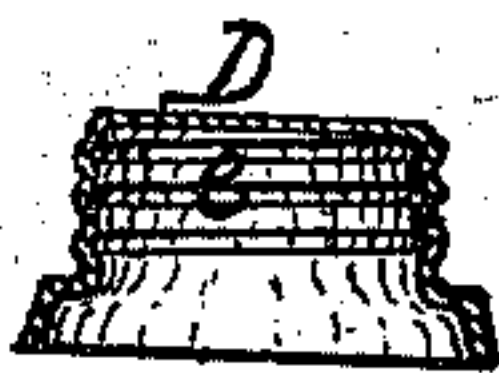
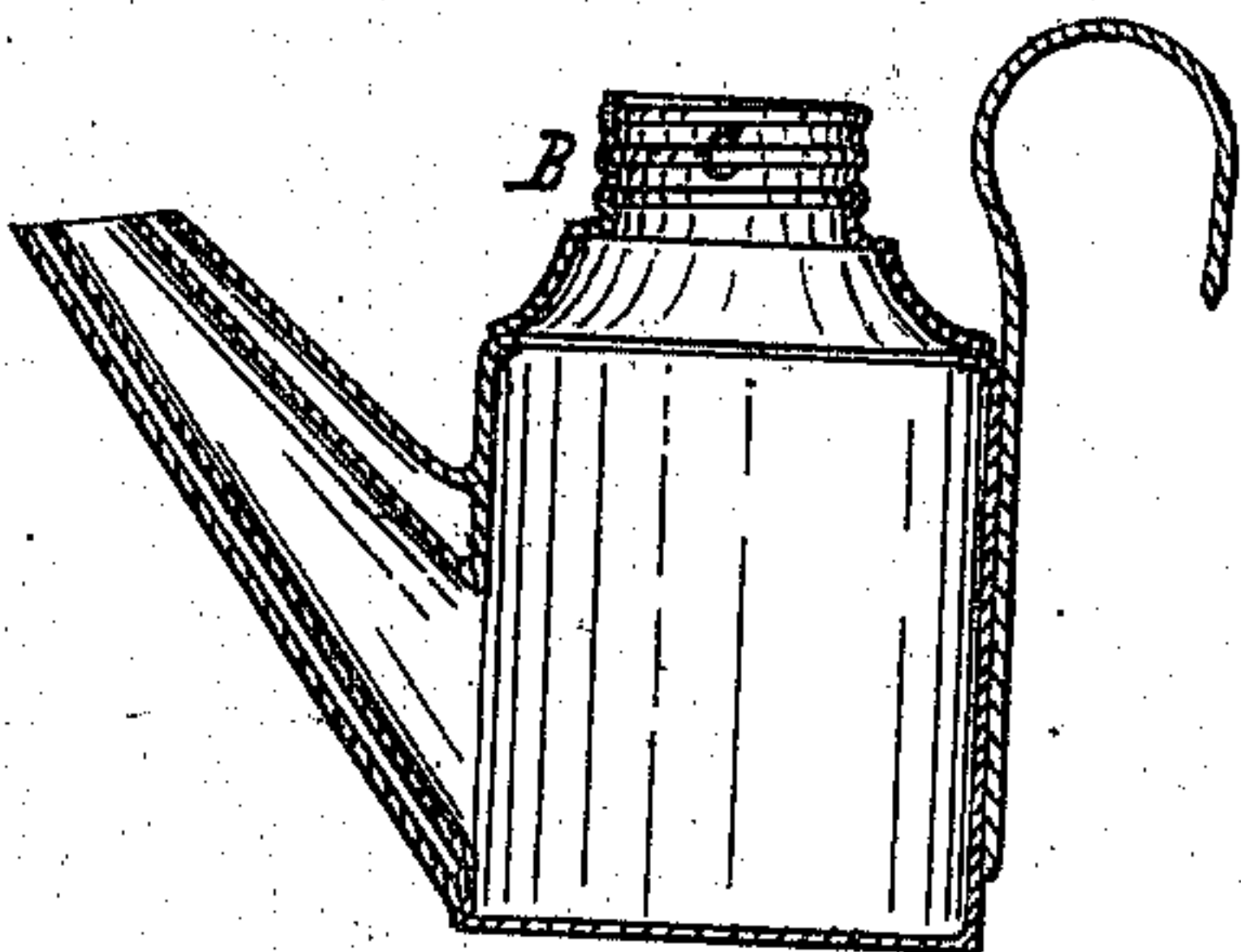


Fig. 3



Witnesses

A. L. Johnston

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UNITED STATES PATENT OFFICE.

WILLIAM C. WINFIELD, OF HUBBARD, OHIO.

IMPROVEMENT IN MINERS' LAMPS.

Specification forming part of Letters Patent No. 115,143, dated May 23, 1871.

To all whom it may concern:

Be it known that I, WILLIAM C. WINFIELD, of Hubbard, in the county of Trumbull and State of Ohio, have invented a new and useful article of manufacture called Miner's Lamp; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my new article of manufacture consists in securing the cap of the ordinary "miner's lamp" to its body through the medium of screw-threads in the cap and on the neck of lamp.

To enable others skilled in the art to make and use my new article of manufacture, I will proceed to describe its construction.

Figure 1 represents my new article of manufacture, viz., a miner's lamp. Fig. 2 represents the cap of the lamp. Fig. 3 represents a vertical section of the body of the lamp.

The body A is constructed in the usual manner, but its neck B is provided with screw-threads C, which are fitted to screw-threads *e* in the cap D. By this arrangement of screw-threads in the cap D and the neck B of the body A the lamp can be filled with oil and then closed, through the medium of cap D, so as to prevent all leakage of oil, which is a very valuable consideration in a miner's lamp.

Having thus described the nature, construction, and operation of my improvement, what I claim as of my invention is—

A new article of manufacture, viz., a miner's lamp, provided with a screw-cap, D, constructed, arranged, and operating with relation to the body of the lamp as herein described, and for the purpose set forth.

WILLIAM C. WINFIELD.

Witnesses:

EBENEZER JACKSON,
STEPHEN CUSHMAN.