

Vogele and Fleming Patents in One Lamp

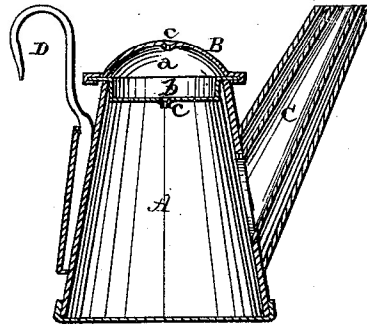
by Dave Thorpe

Miner's Lamp.

No. 229,929.

Patented July 13, 1880.

JACOB VOGELE, OF WILKINSBURG, PENNSYLVANIA.



The Vogele patent claimed that a domed top spilled less oil.



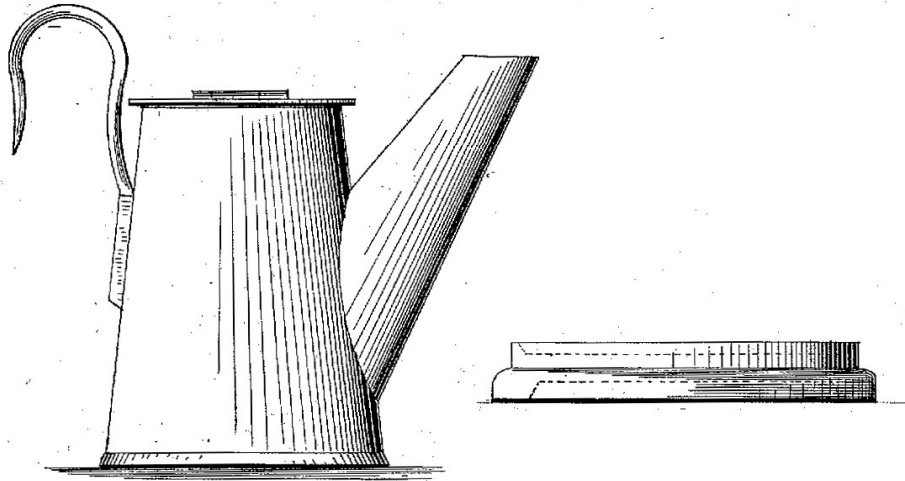
Note that Vogle is spelled differently than on the official patent.

Miner's Lamp.

No. 219,352.

Patented Sept. 9, 1879.

JOHN FLEMING, OF PITTSBURG, PENNSYLVANIA.



In the Fleming patent, a heavy cast disc is used for the base. This functioned like a "boot-kick." Its stiffness prevented denting of the lamps edge.



Bottom of the lamp shows the Fleming patent stamped twice. The base is a heavy cast metal as described in the patent.