A. L. HANSEN.
VALVE STEM FOR ACETYLENE LAMPS.
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WITNESSES:
L. S. Chase
E. W. Bamianer.

INVENTOR:
Augs. L. Hansen.
BY:
Harry Lost. O’Sullivan.
ATTORNEY.
To all whom it may concern:

Be it known that I, A. L. Panizzi, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a certain new and useful Improvement in Valve-Handles for Ayer's Lamps, of which the following is a specification.

My invention relates to that class of lamps 10 which are used by miners. In the lamps of this type the valve is usually provided with a knurled knob at the top of the valve stem for the purpose of rotating the valve to open or close it. In lamps of this type it is noticed 20 that the knob should be very small, and for this reason the miner finds difficulty in operating it.

My invention has for its object to provide means to increase the leverage which may be exerted upon the valve stem by utilizing an essential part of the lamp for this purpose. My invention has for its further object, in accomplishing this result, to succeed in greatly decreasing the weight to which the handle of the clearance rod connects above the top of the lamp.

My means of accomplishing the foregoing may be more readily understood by having reference to the accompanying drawings, 30 which are descriptive somewhat and are a part of this specification, in which:

Fig. 1 is a side elevation of the lamp provided with my improvement, part of the lamp being broken away to show the interior construction in which the valve stem and the valve handle are shown.

Fig. 2 is an enlarged and diagrammatic view of the interior view of the valve stem.

Fig. 3 is a top view of the same.

Fig. 4 is an enlarged and diagrammatic view of the upper end of the valve stem.

I claim:

60. The combination with an Ayer's lamp of a clearance rod, of a valve stem, a valve wheel, a knob on the valve stem and a collar or stop, which is screwed to the valve stem above the valve wheel, and which is adapted to rotate the valve wheel, all for the purpose set forth, substantially as described.

A. L. PANIZZI.

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A. L. PANIZZI, OF NEW YORK, NEW YORK, ASSIGNEE TO THE UNITED LAMP CO., OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

VAPOR-SCREW WITH ACCESSION HANDLES.

a looped head, of a valve, through which said rod passes, a valve stem for said valve, a head on the upper end of said valve stem having a plurality of slots therein adapted to receive the head of the clearance rod, for the purpose set forth, substantially as described.

In testimony whereof I have signed the foregoing specification.

AUGIE L. HANSEN.

Witnesses:
FRED R. BELT,
CHARLES SCHUBER.