



ADOLPH MILLOCHAU, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF,  
JULES MARCELIN, LOUIS A. GEYER, AND EDWIN D. BARNES.

*Letters Patent No. 84,131, dated November 17, 1868.*

**IMPROVEMENT IN THE MANUFACTURE OF LAMP-BLACK**

*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, ADOLPH MILLOCHAU, of the city and State of New York, have invented, made, and applied to use, a certain new and useful Improvement in the Manufacture of Lamp-Black for Printers' Ink, Paints, &c.; and I do hereby declare the following to be a correct description of the same, and of the features that distinguish it from other methods.

Heretofore lamp-black has been made by burning petroleum or other oils in a crucible or vessel containing cotton wicks, or other fibrous materials, that would act by capillary attraction to supply oil to the flame. In some instances, the surface of the oil in a vessel has been ignited.

Difficulties have arisen from the tar and residuum gumming up the fibrous or porous materials, and preventing the oil passing to the flame, and frequently particles of solid matter pass with the flame into the lamp-black, and injure the same. When the oil is burnt in an open vessel, a tar or gummy residuum forms, that is not consumed.

The nature of my said invention consists in the discovery that a vessel containing lamp-black can be used

as the porous material to supply the oil to the flame that burns from the surface of the lamp-black in such vessel, to form lamp-black by the smoke or products of combustion.

The lamp-black in said crucible or vessel does not become obstructed by the tar or other matter that heretofore has accumulated, but all the oils appear to be consumed and pass off in the flame to form the lamp-black, and the lamp-black in the crucible or vessel can be stirred, as required, from time to time, without injury to the lamp-black that is being produced. The lamp-black in the crucible, generally, will only require to be stirred when replenished with oil and ignited.

What I claim, and desire to secure by Letters Patent, is—

The use of lamp-black as a porous material, to supply oil to the flame in the manufacture of lamp-black.

In witness whereof, I have hereunto set my signature, this 20th day of October, A. D. 1868.

A. MILLOCHAU.

Witnesses:

CHAS. H. SMITH,  
GEO. D. WALKER.