UNITED STATES PATENT OFFICE.

THOMAS LANIER CLINGMAN, OF ASHEVILLE, NORTH CAROLINA.

ELECTRIC-LIGHT CARBON.

SPECIFICATION forming part of Letters Patent No. 381,614, dated April 24, 1888.

Application filed May 14, 1887. Serial No. 238,249. (No specimens.)

To all whom it may concern:

Be it known that I, THOMAS LANIER CLINGMAN, a citizen of the United States, residing at Asheville, in the county of Buncombe and State of North Carolina, have invented certain new and useful Improvements in Electric Lighting, of which the following is a full, clear, and exact description.

My invention relates especially to the carbons or pencils used for arc or other electric lighting purposes; and it consists in mixing with any variety of such carbons or pencils powdered serpentine, adapted to prevent the too rapid consumption of the same.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now describe a preferred manner of carrying the same out.

In manufacturing my carbons I combine with the carbonaceous material a mineral substance, such as serpentine, this substance being first reduced to a finely-powdered condition and then mixed with the carbon of the pencil in any suitable manner. By thus introducing into the composition of the pencil or carbons an agent that resists the rapid dissolution or consumption of the same I am enabled to provide carbons which greatly improve the quality of the light. At the same time they offer a resistance to the wearing effect of the light that greatly adds to their efficiency and prolongation of their usefulness.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An electric-arc-light carbon having powdered serpentine commingled with its composition.

THOMAS LANIER CLINGMAN.

Witnesses:
JOHN H. NEWMAN,
B. F. DENISON.