

C. H. WING.

Preparing Magnesium for Burning.

No. 54,266.

Patented April 24, 1866.



Witnesses

Saml M. Warren
Allen Lincoln

Inventor

C. H. Wing

UNITED STATES PATENT OFFICE.

CHARLES H. WING, OF NEWTON CORNER, ASSIGNOR TO THE AMERICAN
MAGNESIUM COMPANY, OF BOSTON, MASSACHUSETTS.

IMPROVED METHOD OF PREPARING MAGNESIUM FOR BURNING.

Specification forming part of Letters Patent No. **54,266**, dated April 24, 1866.

To all whom it may concern:

Be it known that I, CHARLES HALLET WING, of the town of Newton, in the county of Middlesex and State of Massachusetts, have invented a new and useful device of Magnesium for the Purposes of Illumination; and I do hereby declare that the following is a full and exact account and description thereof, reference being had to the accompanying drawing.

My invention consists in forming a spiral coil of magnesium wire or ribbon, as shown in the drawing, and which may be burned supported horizontally on a small iron wire passed through the axis of the coil. In this way the combustion may be retarded and the falling of the hot ash prevented.

To enable others skilled in the arts to make and use my invention, I will proceed to de-

scribe its construction. The spiral coil may be formed by winding the magnesium wire or ribbon spirally upon a cylinder, which cylinder is afterward withdrawn from the spiral coil so formed.

I do not claim as my invention magnesium ribbon or wire; neither do I here claim the method of supporting the metal while burning; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

The forming of magnesium wire or ribbon into the spiral coils herein described.

CHAS. H. WING.

Witnesses:

SAML. M. WARREN,
ALLEN LINCOLN.