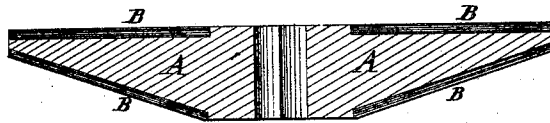


G. H. PEABODY.
EMERY-WHEEL.

No. 172,162.

Patented Jan. 11, 1876.



WITNESSES:

A. W. Almgvist
A. F. Perry

INVENTOR:

Geo. H. Peabody
BY *mm*
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UNITED STATES PATENT OFFICE.

GEORGE H. PEABODY, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN EMERY-WHEELS.

Specification forming part of Letters Patent No. **172,162**, dated January 11, 1876; application filed July 17, 1875.

To all whom it may concern:

Be it known that I, GEORGE H. PEABODY, of Brooklyn, Kings county, New York, have invented a new and useful Improvement in Applying Emery Composition to Wood and Metal, of which the following is a specification:

The figure is a detail cross-section of one of my improved emery-wheels.

The object of this invention is to furnish an improved mode of applying emery composition to wood and metal in forming emery-wheels and other emery surfaces.

The invention consists of an emery composition formed of the ingredients, in substantially the proportions and manner, hereinafter set forth, and in the mode of applying emery composition to wood and metal surfaces, hereinafter set forth and described—that is to say, by tamping it to said surfaces by numerous blows with a small hammer.

In the drawing, A represents the solid body of an emery-wheel, and B represents the emery composition applied to it.

In preparing my improved emery surfaces I take one pound of powdered rosin, one pound of white lead, two pounds of beach-clay, four pounds of glue, and twelve pounds of emery.

The glue is dissolved in water, and the other ingredients are put in and thoroughly mixed together, enough water being used to reduce the mass to about the consistency of putty.

The composition is then spread upon the surface, and is tamped by numerous blows with a small hammer, which hammer may be operated by hand or by machinery.

This mode of applying the emery composition gives it an adamantine hardness, and causes it to adhere to wood or metal immovably.

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

1. An emery composition formed of powdered rosin, white lead, beach-clay, glue, emery, and water, in substantially the proportions and manner herein set forth and described.

2. The mode of applying emery composition to wood and metal surfaces herein set forth and described—that is to say, by tamping it to said surfaces by numerous blows with a small hammer.

GEORGE H. PEABODY.

Witnesses:

JAMES T. GRAHAM,
T. B. MOSHER.