

UNITED STATES PATENT OFFICE.

GEORGE CARPENTER TAFT, OF WORCESTER, MASS., ASSIGNOR TO HIMSELF
AND AUGUSTUS BALL DAVIS, OF PHILADELPHIA, PA.

IMPROVEMENT IN SAND OR EMERY PAPER.

Specification forming part of Letters Patent No. **111,700**, dated February 7, 1871.

I, GEORGE CARPENTER TAFT, of Worcester, county of Worcester, State of Massachusetts, have invented an Improved Sand or Emery Paper or Emery-Cloth, of which the following is a specification:

Nature and Object of the Invention.

My invention consists of sand or emery paper, or emery-cloth, rendered adhesive at the back, as described hereinafter, for ready attachment to a strip of wood or other object, the sand or emery paper thus prepared constituting an article of commerce which will enable artisans to practice economy in the use of these indispensable materials.

General Description.

In using sand-paper, it is a common practice with carpenters, pattern-makers, &c., to wrap a piece loosely round a strip of wood in order to apply it evenly to the surface to be smoothed. In like manner, it is a common practice with machinists and other workers in metals to wrap a strip of emery-paper or emery-cloth loosely round a file or other like object prior to applying it to the surface to be polished. In both cases the paper or cloth is rapidly worn away or torn, and the surface removed, owing to the looseness of the wrapping.

I afford a remedy for this rapid destruction of the sand or emery paper by coating the

back with gum, glue, mucilage, or other equivalent cement, in the same manner as postage and other stamps are treated, the sheets thus coated being sold as articles of commerce, so that a strip cut from a sheet is in a condition for immediate attachment to wood or other material, simply wetting the gummed back of the strip and applying it to the wood under a slight pressure being all that is necessary to effect the required adhesion.

Sand or emery paper or cloth will last much longer when cemented to a strip of wood or other like object, than when it is wrapped loosely to the same. My invention, therefore, affords the readiest means of effecting the desired attachment, and of exercising economy in the use of the material.

Claim.

A new article of manufacture and commerce, consisting of sand or emery paper or emery-cloth, rendered adhesive at the back, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEO. C. TAFT.

Witnesses:

WM. A. STEEL,
F. B. RICHARDS.