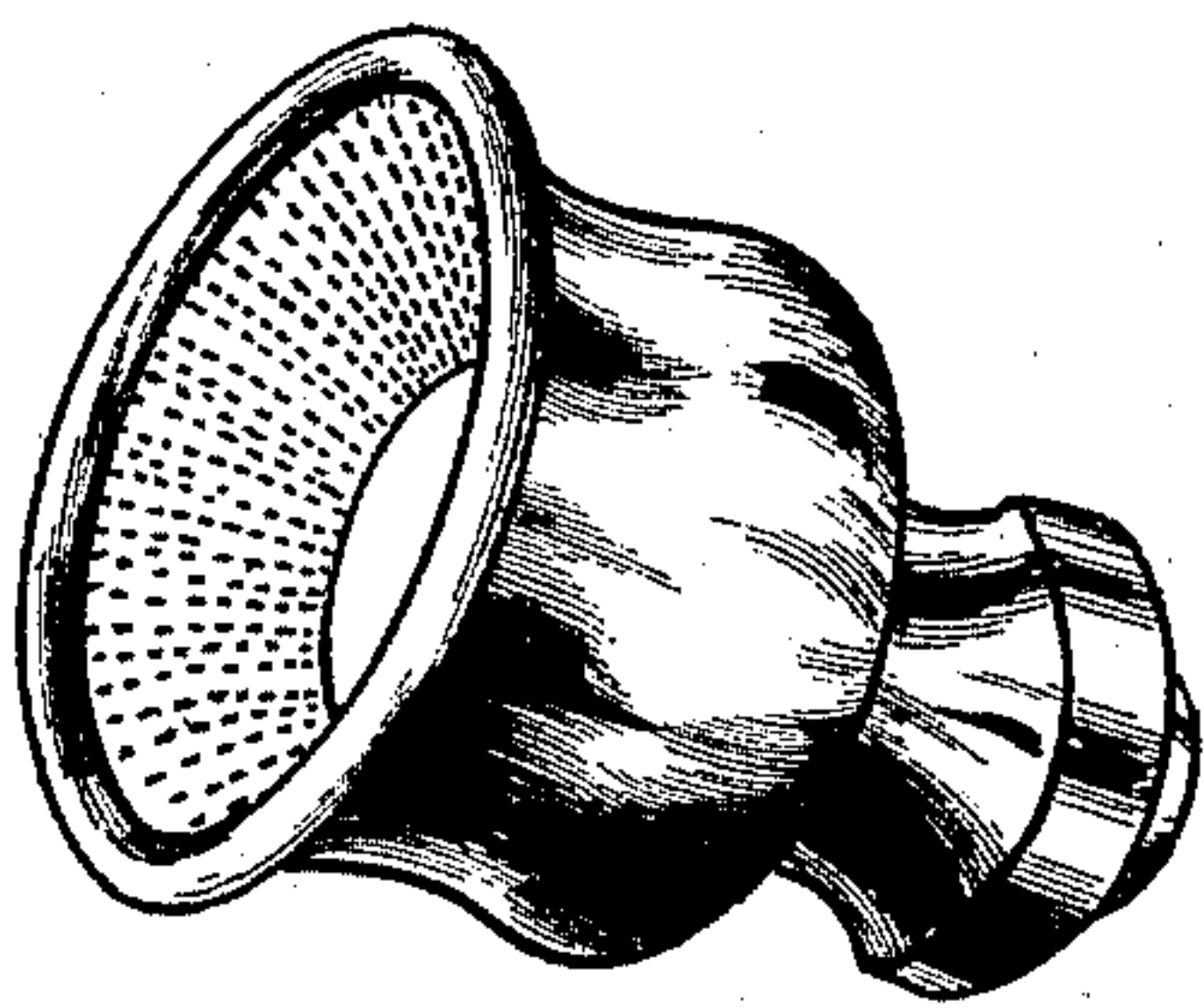


(No Model.)

C. G. KEENAN & W. J. MORRIS.  
SLATE PENCIL SHARPENER.

No. 474,136.

Patented May 3, 1892.



WITNESSES:

*Christ Becker*  
*Chauncey Stewart*

INVENTORS

*Chas Keenan*  
*W J Morris*

# UNITED STATES PATENT OFFICE.

CHARLES G. KEENAN AND WILLIAM J. MORRIS, OF ALLEGHENY, PENNSYLVANIA.

## SLATE-PENCIL SHARPENER.

SPECIFICATION forming part of Letters Patent No. 474,136, dated May 3, 1892.

Application filed February 13, 1889. Serial No. 299,806. (No model.)

*To all whom it may concern:*

Be it known that we, CHARLES G. KEENAN and WILLIAM J. MORRIS, citizens of the United States, residing in Allegheny, Allegheny county, State of Pennsylvania, have invented a new and useful Slate-Pencil Sharpener, of which the following is a specification.

The drawing represents in perspective a view of our invention.

Our invention consists in devising the construction of a small circular cup of wood or other material about two inches in diameter at top and a half inch or more in depth, the interior side perpendicular to the bottom, or nearly so, said side roughened all around by a lining of emery or other hard material put on with glue or cement, or, if the cup be of metal, said side roughened by furrows cut or protuberances punched up thereon, making the said side a sort of concave rasp or file. Such cup can be made readily on a common lathe, and, when of wood, the glue or cement put on with a brush and emery dusted thereon, and when of metal the furrow-cutting or protuberance-punching done with a sharp-pointed

instrument by hand or by machinery by any skillful person.

The manner of using is to hold the cup with one hand and with the other to move the pencil briskly all around against the roughened side or to hold the pencil still and turn the cup around and against it till the desired point be made. The pencil is thus all around quickly and uniformly tapered. Its use is particularly for schools, to save time, avoid noise, and stop the practice by pupils of rubbing their pencils against the school-house walls, causing unsightly defacement. The drawing filed shows shape of cup and lining.

What we claim as our invention, and desire to secure by Letters Patent, is—

The pencil-sharpening device comprising a cup constructed with roughened interior, as described.

CHAS. G. KEENAN.  
WM. J. MORRIS.

Witnesses:

CHRIST. BECKER,  
C. STEWART.