

UNITED STATES PATENT OFFICE.

KARL HÖFLER, OF HANOVER, GERMANY

COMPOSITION OF MATTER.

1,008,336.

Specification of Letters Patent. Patented Nov. 14, 1911.

No Drawing.

Application filed November 28, 1910. Serial No. 594,528.

To all whom it may concern:

Be it known that I, KARL HÖFLER, a subject of the Emperor of Germany, residing at Hanöver, in Germany, have invented certain new and useful Improvements Relating to the Composition of Matter, of which the following is a specification.

The object of the present invention is to provide improved means enabling printing blocks or plates, lithographic stones and the like, to be uniformly, quickly and thoroughly ground, grained and polished. The methods hitherto employed for removing old engravings and the like from the plates are comparatively slow and complicated, requiring specially constructed and expensive machines, or the plates have been treated by hand with pumice stone and a series of washing processes which involve many hours of work and cause the plates to rapidly wear away owing to the severe and long manipulation to which they are subjected.

The present invention is essentially characterized by the use of a chemical composition or mixture which, when applied by means of a suitably designed grinding, graining, and polishing apparatus, obviates the above mentioned disadvantages and enables the plate to be uniformly and quickly

ground, grained, and polished in a very short time.

The composition referred to consists of the ingredients which will now be specified, but the proportions of which can be varied within limits:—30 parts of binoxalate of potassium; 30 parts of grinding powder; 20 parts of aqueously soluble coloring matter; 20 parts of saw-dust. These ingredients, all in a powdered or granular state, are thoroughly mixed and are then ready for use.

What I claim as my invention and desire to secure by Letters Patent of the United States is:—

1. A composition for the purpose set forth, consisting of binoxalate of potassium, grinding powder, aqueously soluble coloring matter and saw-dust.

2. A composition for the purpose set forth, consisting of 30 parts of binoxalate of potassium, 30 parts of grinding powder, 20 parts of aqueously soluble coloring matter and 20 parts of saw-dust.

In witness whereof I have signed this specification in the presence of two witnesses.

KARL HÖFLER.

Witnesses:

J. M. BOWCOCK,

R. PAUL THOMPSON.