

# UNITED STATES PATENT OFFICE.

RICHARD O. BURGESS AND SAMUEL LA RHETT, OF PROVIDENCE, R. I.

## IMPROVEMENT IN MORDANTS FOR DYEING.

Specification forming part of Letters Patent No. **144,952**, dated November 25, 1873; application filed October 25, 1873.

*To all whom it may concern:*

Be it known that we, RICHARD O. BURGESS and SAMUEL LA RHETT, of Providence, in the county of Providence and State of Rhode Island, have invented a new and valuable Improvement in Color-Mordants; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same.

This invention has relation to mordants for fixing colors in dyeing wool and woolen goods; and it consists in a compound of sodium chloride and binoxalate of potash, mixed together in about the following proportions: Sodium chloride, thirteen parts; binoxalate of potash, three parts.

For very high colors the following propor-

tions are preferred: Sodium chloride, sixteen parts; binoxalate of potash, one part.

These proportions give the best results, but they may be varied as circumstances require.

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

A color-mordant composed of the substances mixed together in about the proportions specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

RICHARD O. BURGESS.  
SAMUEL LA RHETT.

Witnesses:

GEORGE A. WILBUR,  
WILLIAM R. COOKE.