

# United States Patent Office.

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JOHN S. KENYON AND LEWIS FOX, OF BALDWINVILLE, NEW YORK.

Letters Patent No. 108,913, dated November 1, 1870.

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## IMPROVEMENT IN THE MANUFACTURE OF PAPER.

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The Schedule referred to in these Letters Patent and making part of the same.

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We, JOHN S. KENYON and LEWIS FOX, both of Baldwinsville, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Paper-Making, of which the following is a specification.

The nature of our invention consists in the use of the mineral or earthy substance known as "red-rock," which is found in the towns of Lysander and Van Buren, in the county of Onondaga and State of New York, in the manufacture of paper.

Our method of using the red-rock is to introduce it into the "engines" (the tubs when the stock is ground to pulp) during the time they are reducing the stock to pulp, in as great a quantity as the stock or pulp will absorb or take up—say about two hundred pounds of the red-rock to four hundred pounds of stock, not confining ourselves, however, to this proportion.

The advantages derived from the use of the red-rock in the manufacture of paper, are—

The color which it gives to the paper, the increase of solidity, firmness, weight, and good appearance.

### *Claim.*

We claim as our invention—

The mineral substance called red-rock in stock or pulp in the manufacture of paper, substantially as and for the purposes herein set forth.

JOHN S. KENYON.  
LEWIS FOX.

Witnesses:

BRADFORD MILLER,  
ARTHUR T. ORVIS.