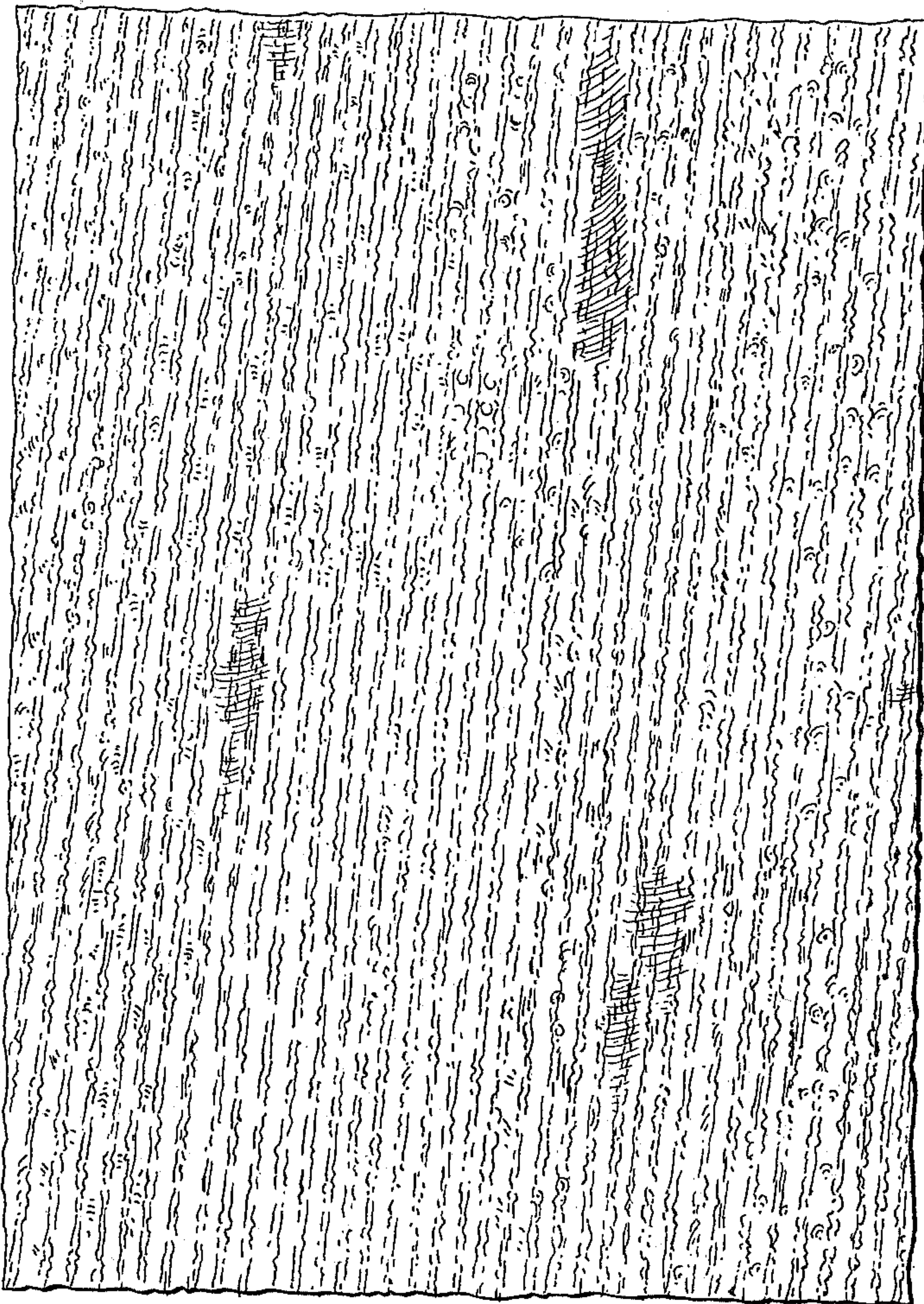


(Specimens.)

S. WHEELER.
PROCESS OF ORNAMMENTING PAPER.

No. 505,259.

Patented Sept. 19, 1893.



Witnesses,
J. F. Harris:
A. M. Turner.

Inventor,
Seth A. Wheeler
By H. M. Brown
his atty.

UNITED STATES PATENT OFFICE.

SETH WHEELER, OF ALBANY, NEW YORK.

PROCESS OF ORNAMENTING PAPER.

SPECIFICATION forming part of Letters Patent No. 505,259, dated September 19, 1893.

Application filed April 18, 1893. Serial No. 470,806. (Specimens.)

To all whom it may concern:

Be it known that I, SETH WHEELER, a citizen of the United States of America, residing at Albany, Albany county, New York, have
5 invented certain new and useful Improvements in Processes of Ornamenting Paper; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the
10 art to which it appertains to make and use the same, reference being had to the accompanying drawing, which forms a part of this specification.

The object of my invention is to provide
15 a new process for ornamenting paper and analogous substances.

In the drawing the figure shows a plan view of a portion of a sheet of paper ornamented by my process.

20 In performing or practicing my process I preferably make use of the ordinary paper forming and drying machine well known and long used in paper making. The pulp or paper fiber is fed to the drying rolls or cylinders
25 in the usual way until a point is reached where the fiber or pulp has sufficient strength to be drawn over the remaining drying cylinders without being further carried by the web or apron. In forming paper ordinarily, the paper is continuously and snugly pressed by the
30 apron against the cylinders during its entire passage over all of them, but my process dif-

fers from that method, in relieving the damp sheet of paper from all such assistance and pressure by the apron at the point where it is
35 possessed of sufficient strength to pass around the cylinders without the assistance of the apron. When so treated the partially dried sheet lies against and passes over the remaining heated cylinders without assistance from
40 or pressure by the apron, and as the drying progresses, the heat from the cylinders wrinkles the paper in practically horizontal, fine, and somewhat interlaced wrinkles, by contracting minute portions of the paper
45 more than others, producing a paper that somewhat resembles a piece of crape.

Having described my process, what I claim is—

The process of ornamenting paper, consisting of first drying the pulp until it forms a sheet of wet paper, by pressing and holding it snugly against drying devices and second, removing such pressure that the paper may have freedom to contract, and passing the
50 sheet over drying devices until it is dried substantially as described. 55

In testimony whereof I affix my signature in presence of two witnesses.

SETH WHEELER.

Witnesses:

E. J. WHEELER,
W. M. BROWN.