

C. C. WHITE.
Package of Prepared Paper.

No. 216,923.

Patented June 24, 1879.

Fig. 1.

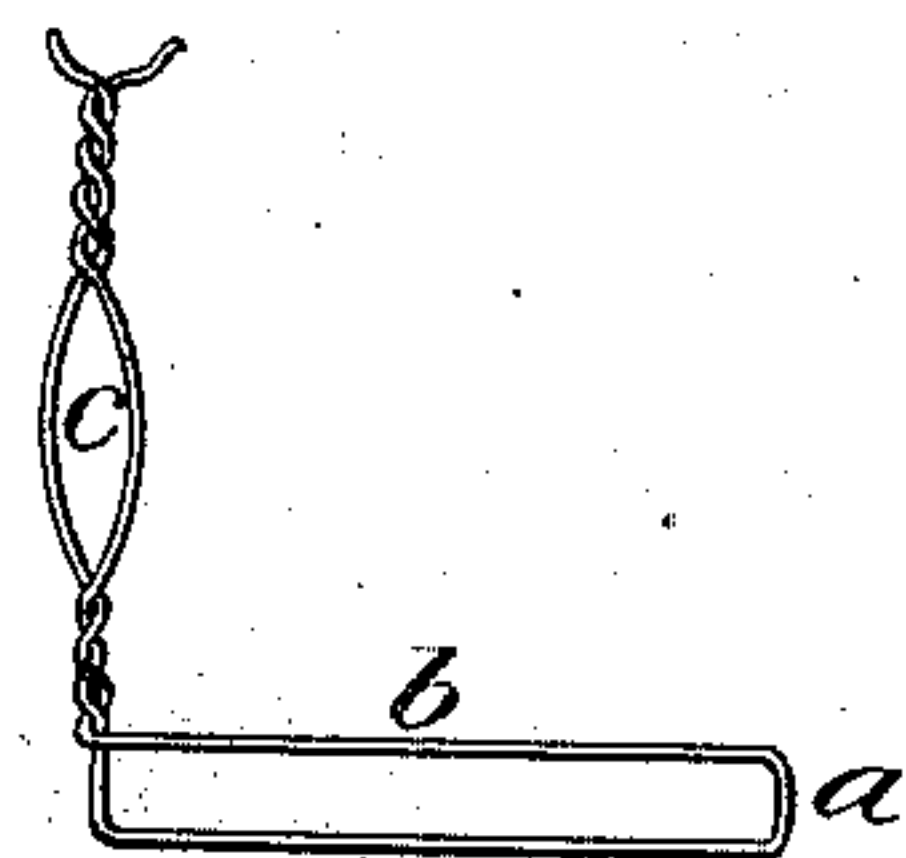
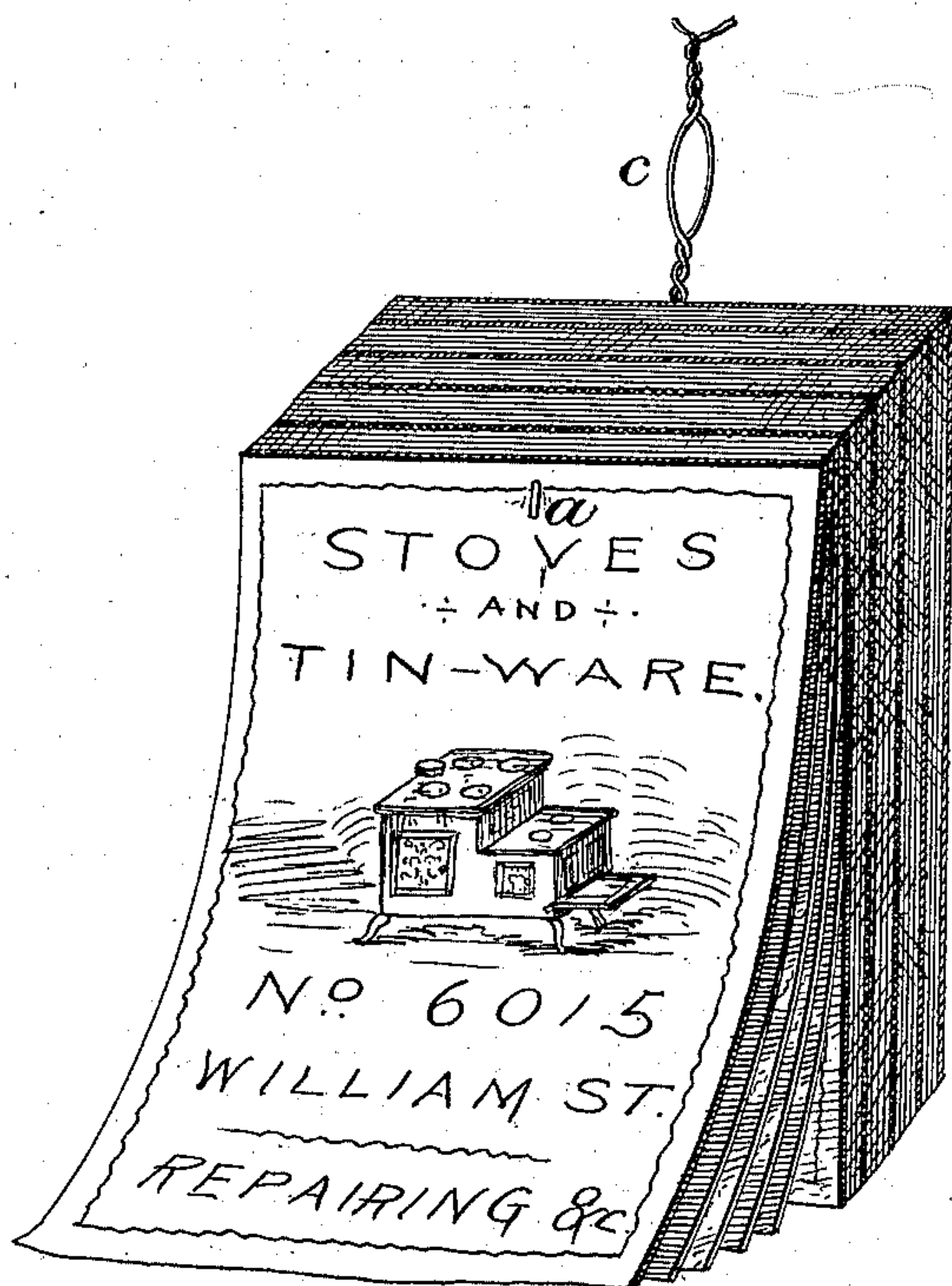


Fig. 3.

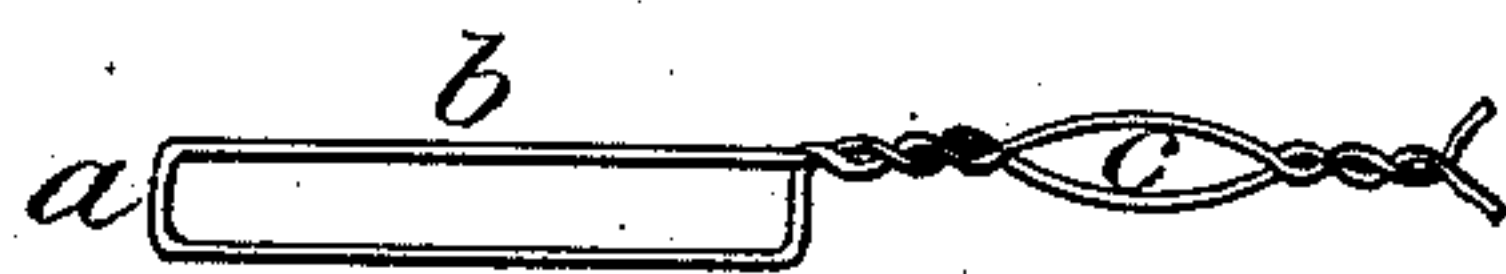


Fig. 2.

Attest;

L Spaulding
G Mason

Inventor.

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per I B Hyde atty

UNITED STATES PATENT OFFICE.

CHARLES C. WHITE, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN PACKAGES OF PREPARED PAPER.

Specification forming part of Letters Patent No. **216,923**, dated June 24, 1879; application filed October 17, 1878.

To all whom it may concern:

Be it known that I, CHARLES C. WHITE, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Water-Closet Packages, of which the following is a complete specification.

Tissue-paper cut into sheets of proper size, and held together by a single wire passed through one corner of the package, and then twisted into a suspending-loop outside and around the end of the sheets, is well known; but that particular method of putting up such packages is, in use, attended with several serious inconveniences, which it is my purpose to obviate. At the same time I not only economize the consumption of the paper as against waste, but cheapen its cost by giving it multiplied usefulness.

The objectionable features of the present system are, first, that in cutting the tissue-paper the cutting-knife causes the edges of the paper to adhere, as if pasted together in masses, particularly if the paper is cut in damp weather. The paper being very thin, the sheets frequently are so united at the edges that two hands are needed to separate them, and often, instead of breaking away four or five sheets, four or five times as many come off, to be left under foot and wasted.

To obviate this difficulty I interpose at proper intervals sheets of paper of different quality, which separates the tissue-paper and insures its economical use by one hand only, securing the required number of sheets, and avoiding waste from the edges clinging together.

Secondly, the tissue sheets are usually attached by a single loop of wire, as before stated. The sheets are hence permitted to open and separate vertically and turn radially on the wire out of their proper position, often forming a confused mass, unseemly, inconvenient, and still liable to be wasted, as before stated.

Thirdly, there always exists the liability to tear away from the sheet the corner above the wire-puncture, which fragments drop from time to time, littering the floor.

To obviate such trouble I pass the wire twice through the package of sheets by punctures, say, one-eighth of an inch vertically apart. The wire will thus on one side form a short stitch or bend. The two ends coming through

on the opposite side of the package are there twisted to confine and press against the sheets, holding them through and through closely. At a distance of about half an inch from those turns of the wires they are again twisted three or four times, which forms a fixed loop that, bent upward, serves for suspending the package at the back.

In the drawings, Figure 1 shows a perspective front view; Fig. 2, a figure of the wire as placed through the package; and Fig. 3, the same figure as in the paper, and partly bent vertically for suspension of the pack.

a shows the short bend or holding-stitch in front; *b*, the tension or fastening wires, and *c* the suspending-loop.

Paper thus held and confined will not turn out of place to the front or sidewise, and when the front sheets are jerked away the slight nip at *a* under the stitch of wire will break out and liberate the sheet without otherwise tearing or defacing the sheet.

In so far I have greatly improved the preparation and convenience of water-closet packages; but to enable me to greatly cheapen their cost and add to their usefulness, I employ the package thus prepared as an advertising medium by printing business or commercial cards or other printed matter to attract attention, and which, varied at will upon the dividing-sheets, enable me to sell the packages at trifling cost.

What I claim, and desire to secure by Letters Patent, is—

1. A water-closet package united and secured by a wire or thread passed twice through the package to form a narrow stitch, and twisted or looped at the back, substantially in the manner and for the purpose set forth.

2. An advertising-package of paper, consisting of dividing or separating sheets interspersed between the package-sheets, and formed or composed of different-textured papers, the whole being attached together by a wire or wires or thread, as described, passed twice through to form a narrow stitch, which facilitates their separation by hand, formed, arranged, and combined in the manner substantially as set forth.

CHARLES CARROLL WHITE.

Witnesses:

J. B. HYDE,

THOS. L. JONES.