

(No Model.)

H. REDLICH.
BOTTLE WRAPPER.

No. 272,323.

Patented Feb. 13, 1883.

Fig. 1.

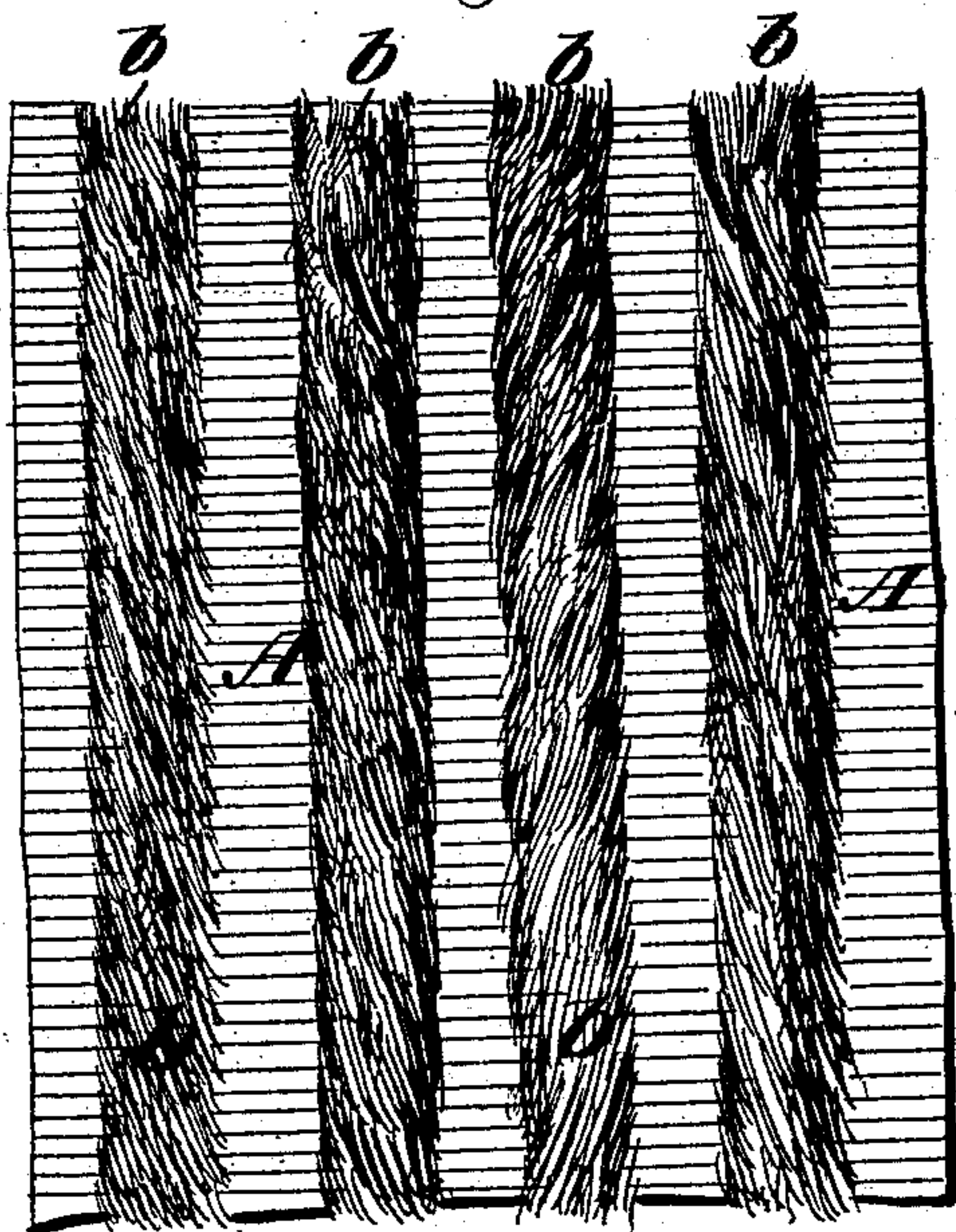
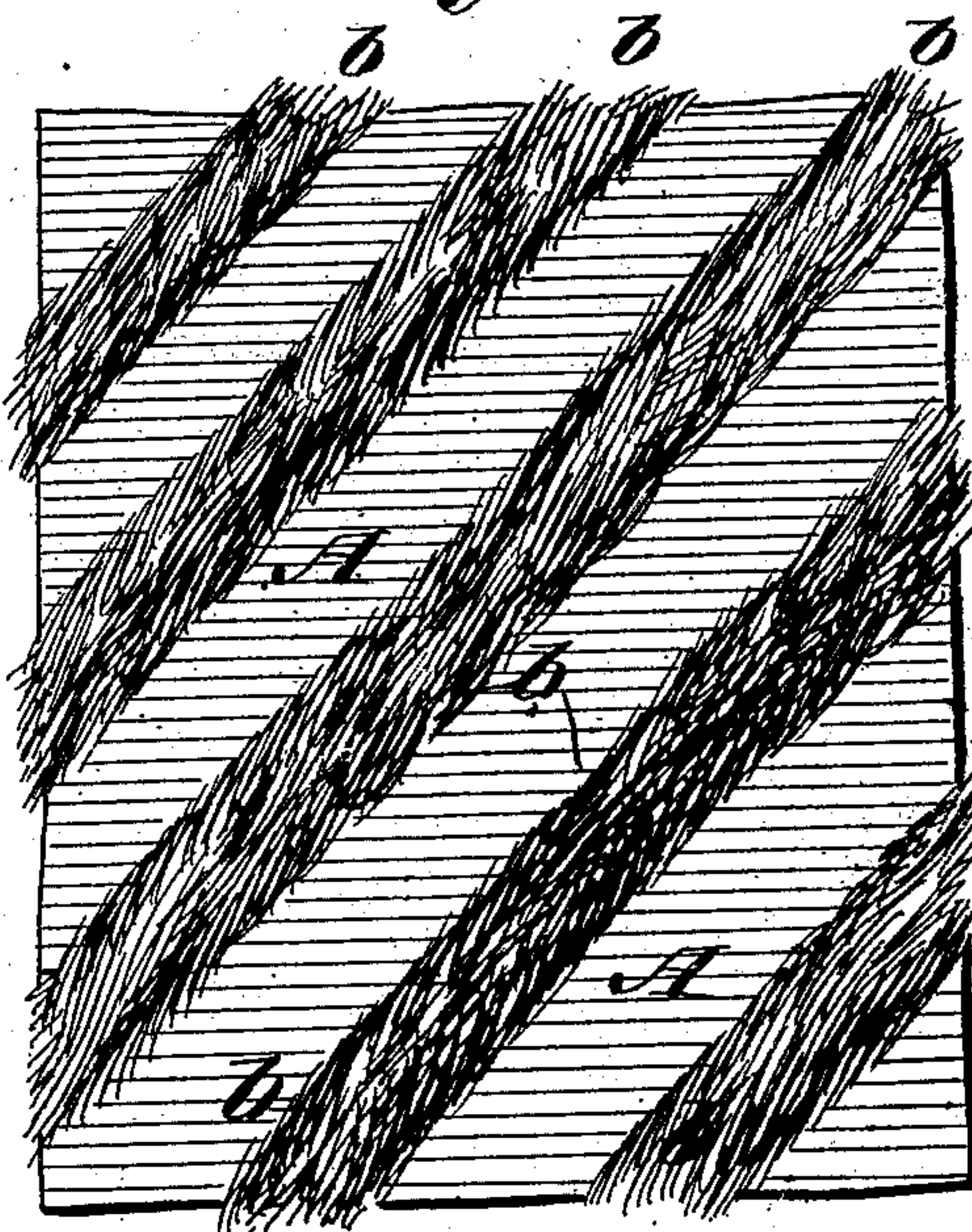


Fig. 2.



WITNESSES:

Francis McArdle.
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UNITED STATES PATENT OFFICE.

HENRY REDLICH, OF CHICAGO, ILLINOIS.

BOTTLE-WRAPPER.

SPECIFICATION forming part of Letters Patent No. 272,323, dated February 13, 1883.

Application filed July 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY REDLICH, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Wrapping Material, of which the following is a full, clear, and exact description.

This invention relates to wrapping material for bottles and fragile ware; and it consists of a wrapper composed of a continuous flexible backing, to which flexible strands or rolls of fibrous material, which have first been twisted to render them sufficiently compact, are glued or otherwise secured, with spaces between said rolls or strands, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figures 1 and 2 are face views, showing slightly different constructions of my invention.

The same letters refer to the same parts in all the figures.

A is the backing, which consists of heavy paper. On this backing is attached the fibrous material, (shown at *b*,) which is formed of short fibers, by twisting into continuous rolls or strands, which are secured to the paper backing, either straight, as in Fig. 1, or diagonally, as in Fig. 2 of the drawings; spaces or intervals being left between the rolls, as shown. The material which I prefer to use is tow-string or waste, which is cheap and easily procured; but any fibrous material or the hair of animals may be used. The fibrous parallel rolls are attached to the backing, preferably

by means of glue. By this construction less fibrous material will be required than when the said material is spread entirely over the backing, thus lessening the expense. The bottle or other article to be wrapped will also be better protected, as the twisted rolls are compact and thick, and will protect the parts of the bottle resting upon them, while the parts of the bottle lying in the intervals between the rolls will be held up by the rolls above the backing, and protected by the latter from injury. The rolls or strands should not extend beyond the edges of the backing, as the latter is intended to be continuous in the sense of being co-extensive with the said fibrous rolls.

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

1. As an improvement in wrapping material, the combination, with a continuous flexible backing, of strands or rolls of fibrous material twisted so as to render them sufficiently compact, and glued in parallel lines upon the said backing, with spaces between said lines or strands, as set forth.

2. As an article of manufacture, wrapping material consisting of a continuous flexible backing having strands of twisted fibrous material secured to the face thereof, with spaces between said strands, as set forth.

HENRY REDLICH.

Witnesses:

EMIL R. HAASE,
ADOLF BERGER.