

(No Model.)

C. C. TYLER.
PERCOLATOR FOR ROSIN.

No. 266,559.

Patented Oct. 24, 1882.

Fig. 1.

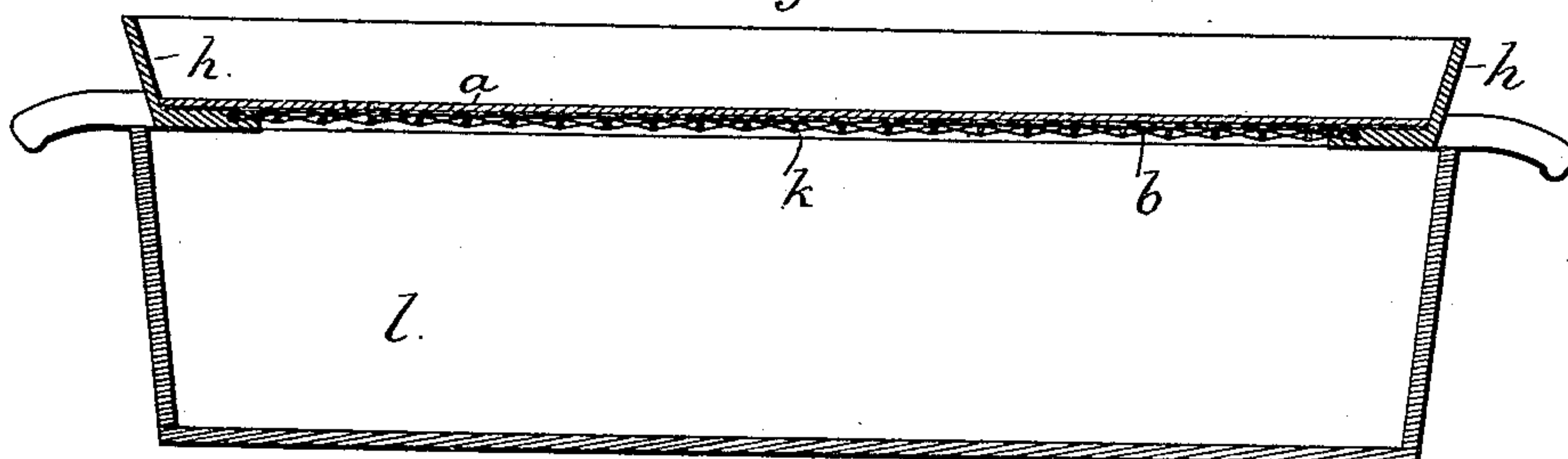
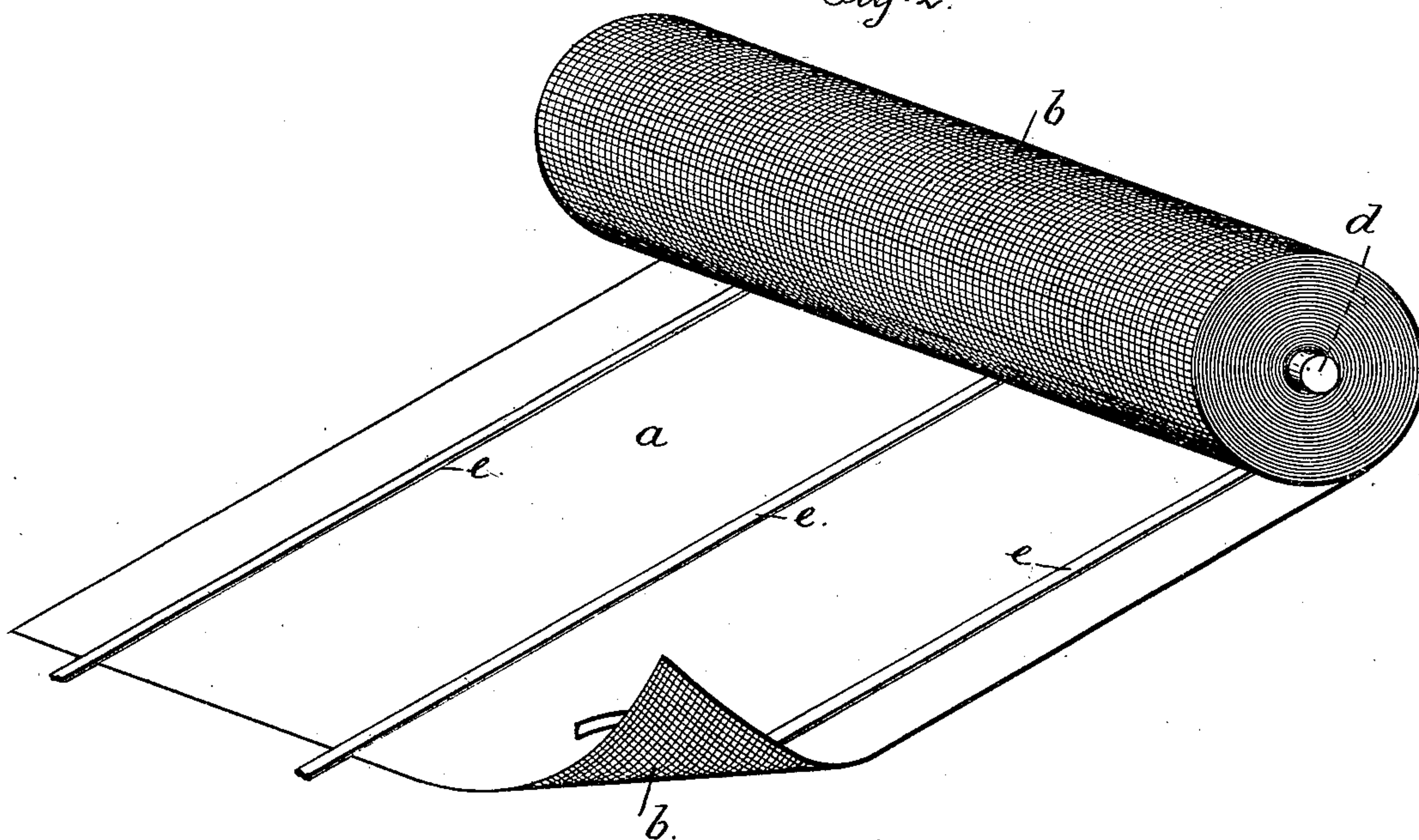


Fig. 2.



Witnesses:
J. Haib
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Inventor
Charles C. Tyler
per Lemuel W. Serrell
att'y.

UNITED STATES PATENT OFFICE.

CHARLES C. TYLER, OF NEW YORK, N. Y.

PERCOLATOR FOR ROSIN.

SPECIFICATION forming part of Letters Patent No. 266,559, dated October 24, 1882.

Application filed September 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. TYLER, of the city and State of New York, have invented an Improvement in Percolators for Rosin, of which the following is a specification.

In the manufacture of rosin it is usual to spread cotton-batting upon a wire sieve at the bottom of a box and pour the melted rosin upon the same, so as to strain it and retain any chips and foreign matter. The sieve usually is made of strong wire with meshes, and it often happens that the weight of the melted rosin, as it rests upon the layer of cotton-batting, perforates the same at one or more places where it is not supported by the wire of the sieve.

My invention is for strengthening the cotton percolator, and preventing the same tearing and becoming perforated by the weight of melted rosin.

I make use of a layer of cotton produced in any desired manner and of the proper width, and preferably in continuous web or sheet, so as to be cut up in lengths to form rolls. Upon the under side of the cotton I cause to adhere, by paste or other suitable cement, a layer of open woven or knitted fabric having meshes of about an eighth of an inch measurement, (more or less,) and I preferably roll the percolator on a roller of wood, with two or more strips of paper between the layers, the fabric being outside. The percolator is then ready for transportation. When applied to the sieve the roll of percolating material is laid down thereon at one end, and the strips of paper are drawn upwardly and the percolator unrolled to the proper extent to cover the sieve, and then it is cut off. In doing this the attendant is not liable to injure the percolator, because his sticky hands do not necessarily come into contact with the cotton, and the fabric being below the fibrous layer prevents the material being injured by the weight of melted rosin poured in upon the percolator.

In the drawings, Figure 1 is a section of the percolator and sieve, and Fig. 2 represents the roll of material for the percolator.

The layer of cotton *a* has cemented upon its under side the fabric *b*, of woven or knitted material, the same being of a very open mesh.

This forms the percolator, and it is wound upon the roller *d* for convenience of handling, the strips of paper *e* being rolled in between the layers of the percolator to aid in unrolling the same.

h represents the box portion of the percolator, and *k* the sieve-bottom supporting the cotton percolator.

l is the receptacle for the filtered rosin.

When the percolator becomes covered with chips and pieces of foreign substances, so as to be no longer serviceable, the same is raked off and removed and a new percolator applied.

I remark that this percolator is much more durable than the batting heretofore employed, and can be much thinner and equally effective, because the fabric furnishes the strength required for supporting the cotton, and this percolator, being thin, allows the rosin to run through freely and rapidly; but the foreign materials are retained.

A woven or knitted fabric may be cemented upon both sides of the layer of cotton, so that the percolator may be used either side up, and the strength is thereby increased. The percolator may be cut up into squares of the proper size for the sieves.

I claim as my invention—

1. The combination, with the metal sieve in a rosin-percolator, of a layer of cotton with a woven or knitted fabric upon its under side next to the sieve, substantially as and for the purposes set forth.

2. The percolator for rosin, formed of a layer of cotton with a fabric cemented to one side, and rolled upon a roller, with strips of paper intervening between the layers, for the purposes and as set forth.

3. The percolator for rosin, formed of a layer of cotton with a fabric attached to one or both of its surfaces, substantially as and for the purposes set forth.

Signed by me this 25th day of September, A. D. 1882.

CHARLES C. TYLER.

Witnesses:

GEO. T. PINCKNEY,
HAROLD SERRELL.