

(No Model.)

F. W. KROEBER.  
Paper Bags.

No. 231,056.

Patented Aug. 10, 1880.

Fig. 1.

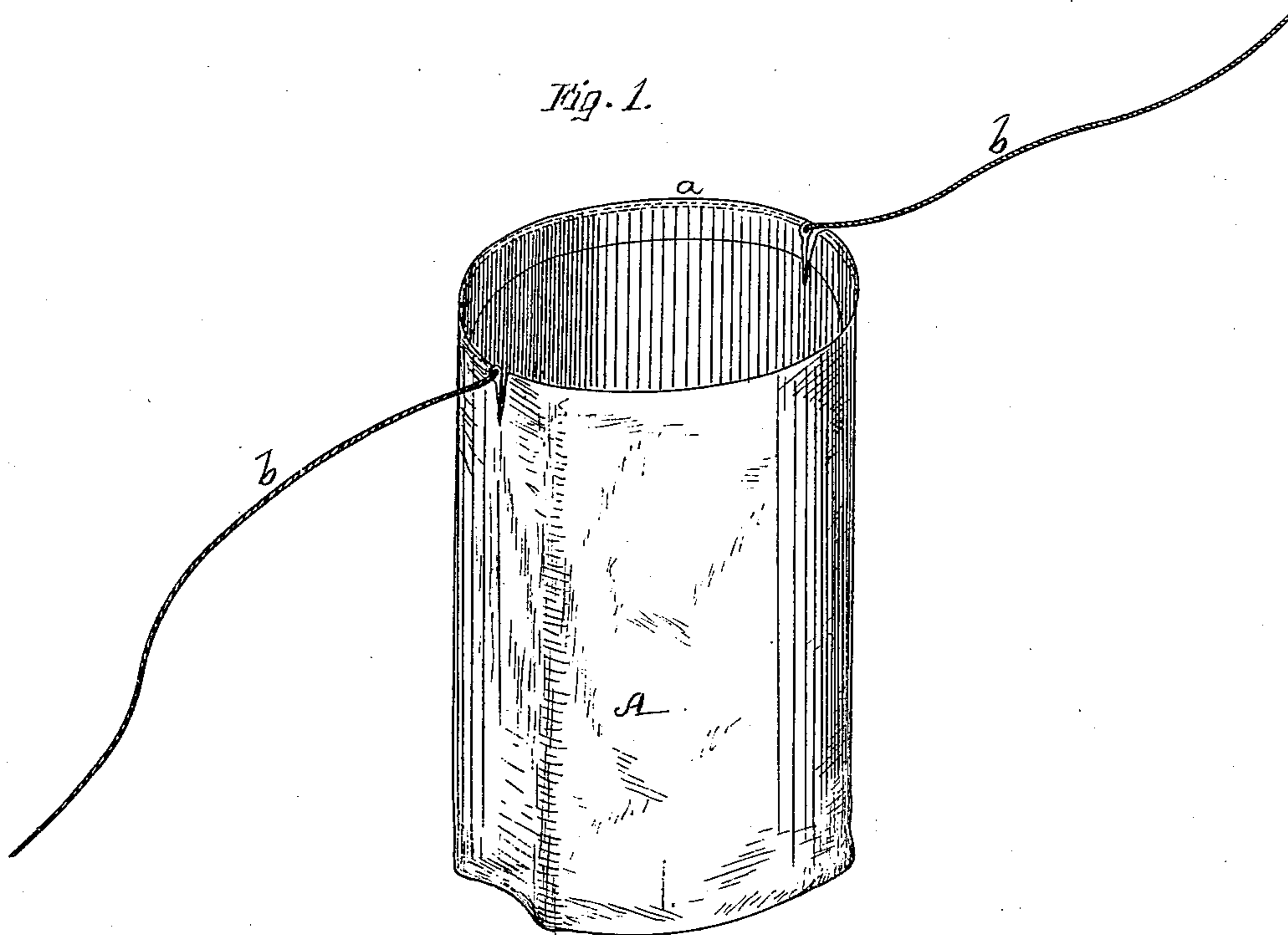
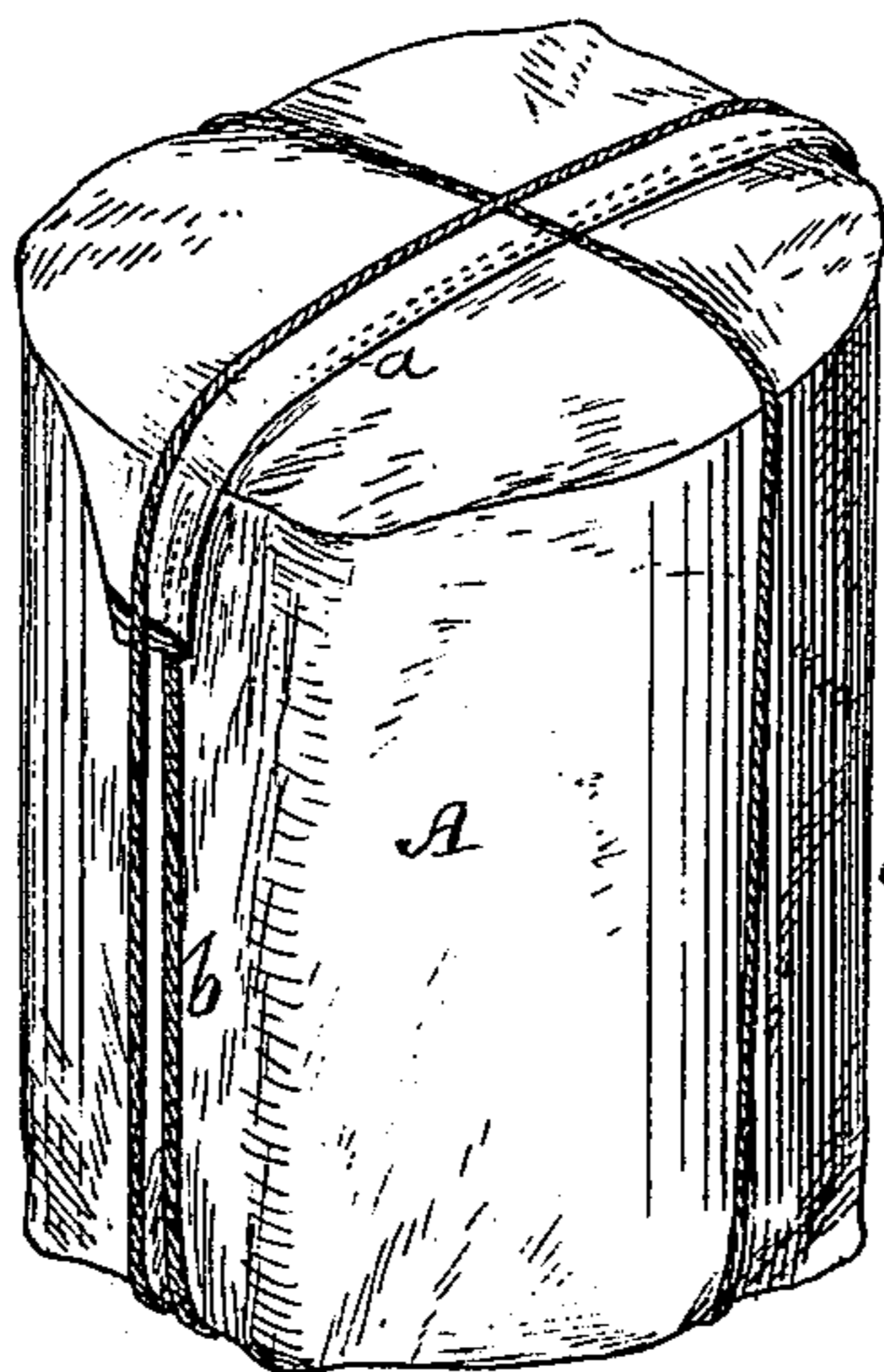


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

FREDERICK W. KROEBER, OF IDAHO CITY, IDAHO TERRITORY.

## PAPER BAG.

SPECIFICATION forming part of Letters Patent No. 231,056, dated August 10, 1880.

Application filed June 11, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK W. KROEBER, of Idaho City, county of Boise, and Territory of Idaho, have invented an Improvement in Paper Bags; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to certain improvements in paper bags such as are commonly used for putting up packages or parcels; and my improvements consist in attaching permanently to one side of the edge or mouth of said bag, by means of a lap of the material when it is made, a piece of twine with loose extended ends, this twine serving to secure the package when the bag is filled, as is more fully described in the accompanying drawings, in which—

Figures 1 and 2 are views of my invention, showing, respectively, the bag to which it is applied open and the same after it is filled and closed.

Paper bags for putting up small parcels of groceries, fruits, &c., are almost universally used by retail dealers of many branches of trade. In every case the bag, after being filled, is secured with a piece of twine passing around it, usually in two directions. After the bag is filled the dealer reaches for the twine, secures the package, and cuts off the twine. Of course, no matter in what part of the store the bag is filled, he must of necessity come to the place where the twine-box is in order to secure it.

The bag A is formed in the usual shape and of any desired size. One side of the upper edge is folded over double, as shown at *a*, the cord or twine *b* being inclosed in the fold, as shown, its ends hanging down at each side. All the bags are made in this way, each being provided with a piece of twine with ends sufficiently long to go down its sides, cross, and come up the other sides, so as to be tied on top again. For large bags the twine is made longer than for small ones.

After the bag is filled, the upper edges are folded down and the cord passed around and secured, as shown in Fig. 2. The package is thus pressed into a compact form and secured.

The bag can be filled and package secured in any part of the store without having to go to the twine-box. Each bag is already prepared with the requisite twine to form the finished parcel, and the time generally occupied in procuring the twine and scissors or knife for cutting it is saved—a considerable item in large stores, where many packages are daily filled.

Each size of bag will have just enough twine attached to it to tie it up when filled to its utmost capacity, and no more, so that there will be a great saving of twine.

I am aware that cloth bags for tobacco have been made with twine encircling the mouths, in order that the mouth could be drawn tight when the bag was filled. I do not, however, attach my cord in this manner. It is not intended to slip, so as to allow the mouth to be drawn up, but is secured in place on one side of the bag only by means of the paste which is used to make the fold.

I am also aware that paper bags have been made with a string inclosed within a fold on the edge of the blank which forms one of the seam-laps.

I am also aware that a string has been secured around the outside of the mouth of a paper bag by means of paper strips pasted to the bag, and hence I make no broad claim to attaching a string to a paper bag; but,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a paper bag, A, having a fold, *a*, at one edge of its mouth, inclosing and securing the bight of a piece of twine or cord, *b*, the cord forming a permanent attachment to the bag, by means of which the parcel is secured, substantially as and for the purpose herein described.

In witness whereof I have hereunto set my hand.

FREDERICK W. KROEBER.

Witnesses:

S. C. SILSBY,  
S. W. WULFF.