(Model.)

W. V. BRIGHAM.

GELATINOUS BLANK FOR THE MANUFACTURE OF WALL ORNAMENTS, BASKETS, AND OTHER ARTICLES.

No. 247,478. Patented Sept. 27, 1881.

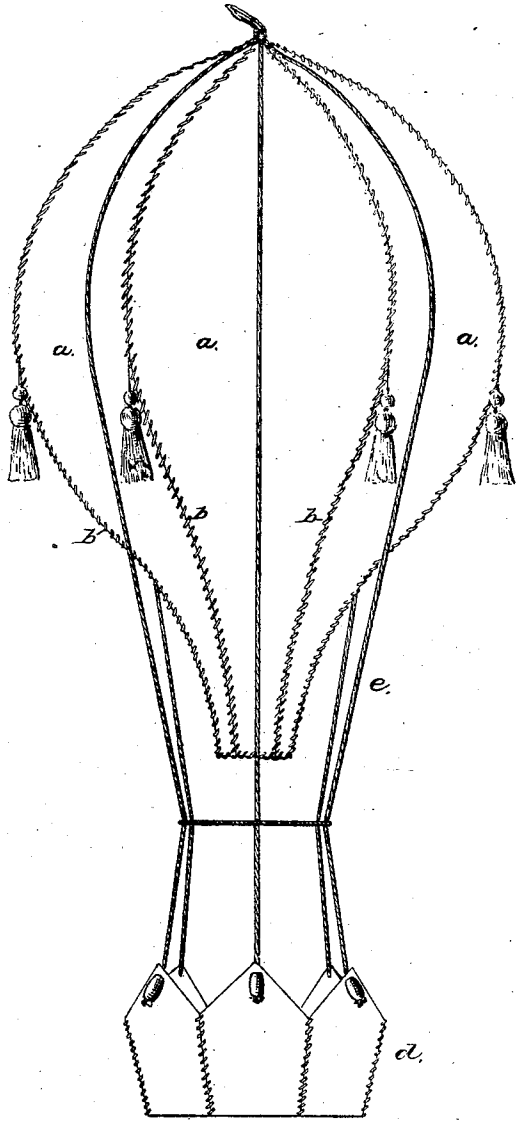
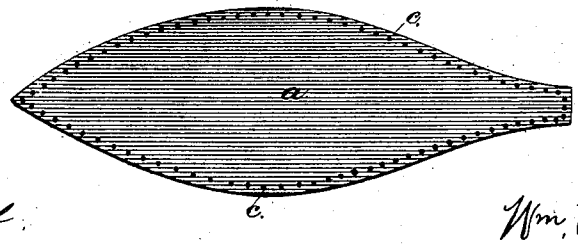


Fig. 1.

Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM V. BRIGHAM, OF NEWTON, MASSACHUSETTS, ASSIGNOR TO THE GELATINOID COMPANY, OF JERSEY CITY, NEW JERSEY.

GELATINOUS BLANK FOR THE MANUFACTURE OF WALL-ORNAMENTS, BASKETS, AND OTHER ARTICLES.

SPECIFICATION forming part of Letters Patent No. 247,478, dated September 27, 1881.

Application filed June 11, 1881. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM V. BRIGHAM, of Newton, county of Middlesex, and State of Massachusetts, have invented a new and useful Improvement in Gelatinous Blanks for the Manufacture of Wall-Ornaments, Baskets, and other Articles, of which the following description, in connection with the accompanying drawings, is a specification.

This invention relates to gelatinous blanks from which to make various different ornamental and useful articles, such as hanging balloons, baskets, wall-ornaments, &c.

My invention consists in a piece of gelatinous blank cut to proper shape, and having a series of clean-cut holes along and near its edges, for the easy reception of a needle or thread or cord by which to unite the said blanks without breaking them, as hereinafter described.

In my experiments in the manufacture of gelatine I have succeeded in producing a very thin and tough gelatine of any desired tint. To find new uses for this gelatine I experimented, seeking the best manner of joining the edges of the same in pieces of proper shape to produce ornamental articles. I discovered that cement could not be used practically, and also that a needle always wedge-shaped could not be used to sew the edges of the gelatinous blanks together, for the needle would frequently split the same, thereby spoiling the blank. I decided that these gelatinous blanks, to be used and sought for for ornamental articles, must be connected together by cords or threads. By experiment I ascertained that I might, by the use of a cutting-punch, either hollow or solid, and working with a die, remove a portion of the gelatinous blank at suitable points along and near the edges, and of sufficient size to receive the cord or thread to be employed as the connecting means for these blanks, care being taken, if a needle is employed, as will preferably be the case, to lead the said cord or thread through these clean-cut holes, to have the said holes made of a diameter at least equal to the diameter of the needle to be used.

Figure 1 represents a hanging balloon, that being the article selected by me in the present embodiment of my invention; and Fig. 2, one of the gelatinous blanks of which the upper or large part of the said balloon is composed.

The balloon proper is composed, in this case, of six blanks, such as shown at *a*, joined together at their edges by cords or threads *b*, they being inserted through clean-cut holes *c* (see Fig. 2) formed in the said blanks *a* about and near their longer edges, the said holes being formed by cutting out or removing a portion of the gelatinous material by means of a cutting-punch, as described. The balloon is shown as having a car, *d*, suspended under it by the cords *e*. This car is also formed of gelatine cut to proper shape and having its edges joined, as shown.

It is obvious that for different articles the shape or outlines of the blanks will vary.

The blanks may be of any desired tint and ornamented in design, in manner described in my United States Patent No. 233,973, dated November 2, 1880, to which reference may be had.

I claim—

A gelatinous blank of desired shape, having a series of clean-cut holes arranged along and near its edges, to admit the passage of a needle or thread or cord without breaking the said blank, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. V. BRIGHAM.

Witnesses:

BERNICE J. NOYES,

G. W. GREGORY.