

No. 883,797.

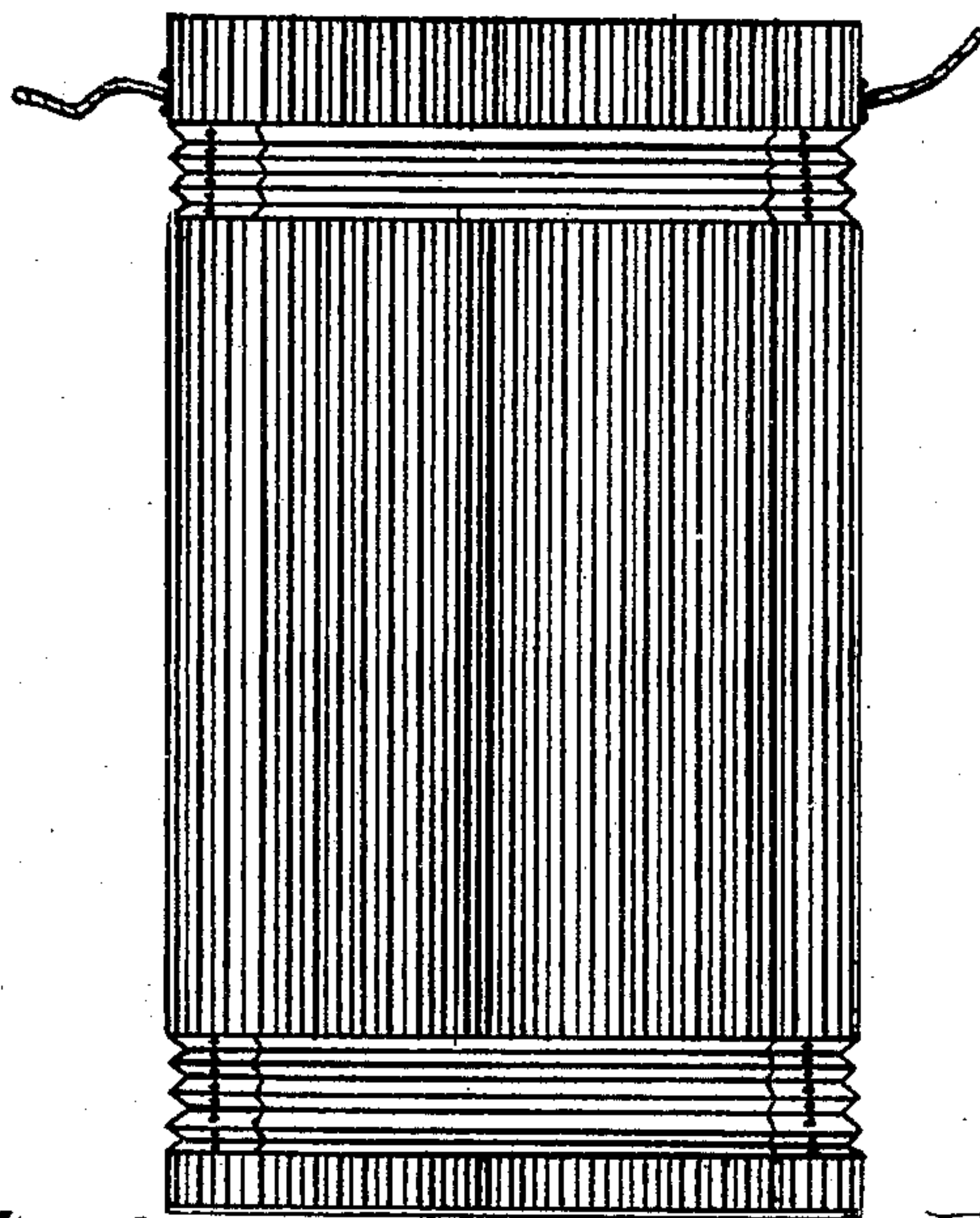
PATENTED APR. 7, 1908.

R. GELDMACHER.

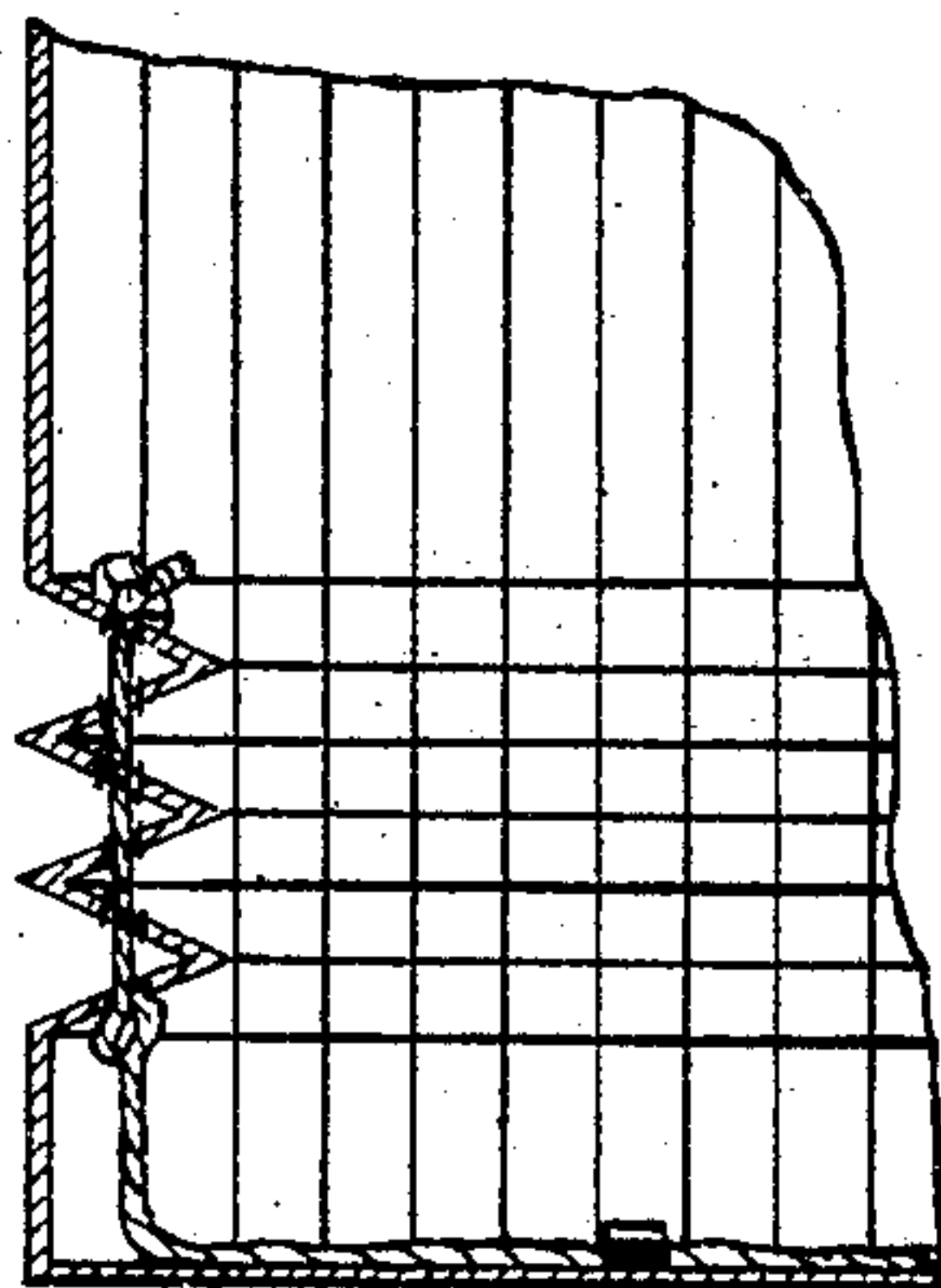
PAPER BAG.

APPLICATION FILED NOV. 8, 1907.

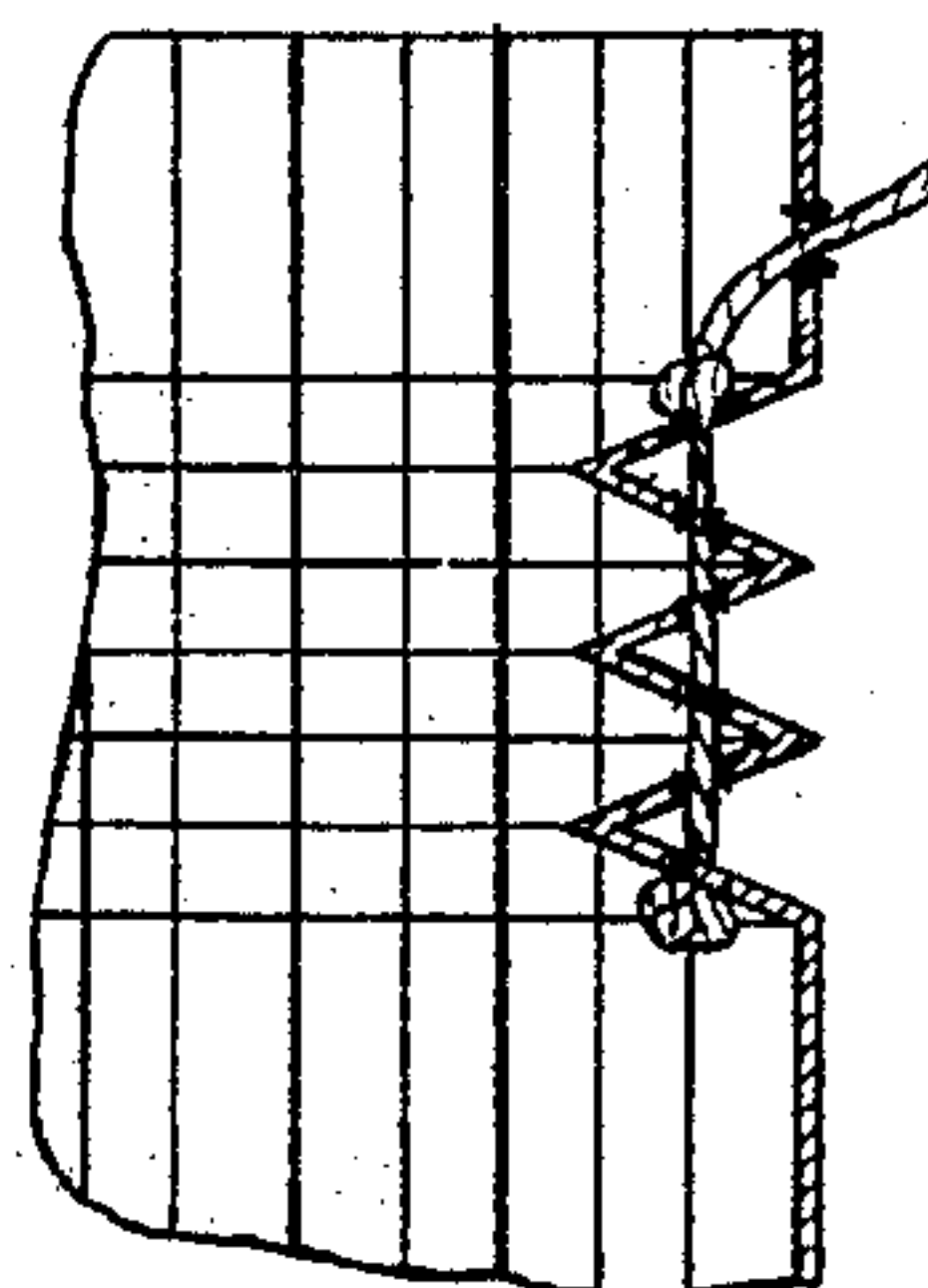
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

*Chas  
Ploger*

Inventor:

*R. Geldmacher*

# UNITED STATES PATENT OFFICE.

RUDOLF GELDMACHER, OF COLOGNE, GERMANY.

## PAPER BAG.

No. 883,797.

Specification of Letters Patent.

Patented April 7, 1908.

Application filed November 8, 1907. Serial No. 401,258.

*To all whom it may concern:*

Be it known that I, RUDOLF GELDMACHER, a subject of the German Emperor, and resident of Cologne-on-the-Rhine, Germany, have invented an Improved Water-Tight Sack of Strong Craped, Pressed, or Goffered Paper, of which the following is a specification.

Cement, chalk and the like have hitherto been packed in barrels or jute sacks, but also paper sacks of smooth but strong paper have been used. The great specific weight of the material has raised the question for the use of strong paper sacks.

The present invention relates to a sack constructed of paper which is elastic in every direction being thus an untearable sack. In the accompanying drawing is shown such a sack.

Figure 1 shows an elevation. Fig. 2 and Fig. 3 are details.

The strong craped or goffered paper used for this purpose is so elastic in a horizontal direction, that by the opening due to the yielding of the paper sack, a tearing is avoided. This effect is attained by the means shown in Fig. 2 at two or more places on the sack which also produces the effect in a ver-

tical direction. The bands which are used for the purpose are elastic and are held in fixed positions for adjusting the height of the plaits by knots or projecting pins. In this manner a spring effect is attained.

In Fig. 3 is shown the arrangement at the end of the sack in which the string or band ends are used for closing the sack. In this manner a sack is produced which is elastic in every direction.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:—

A sack, comprising in combination, a sack constructed of strong paper, plaits in the sack, bands for adjusting the height of the plaits, the ends of the bands adapted for closing the sack, substantially as described and shown and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

RUDOLF GELDMACHER.

Witnesses:

LOUIS VANDORY,  
M. KNEPPERS.