

(No Model.)

A. ORTH.
COLLAPSIBLE BOX.

No. 518,270.

Patented Apr. 17, 1894.

Fig. 2.

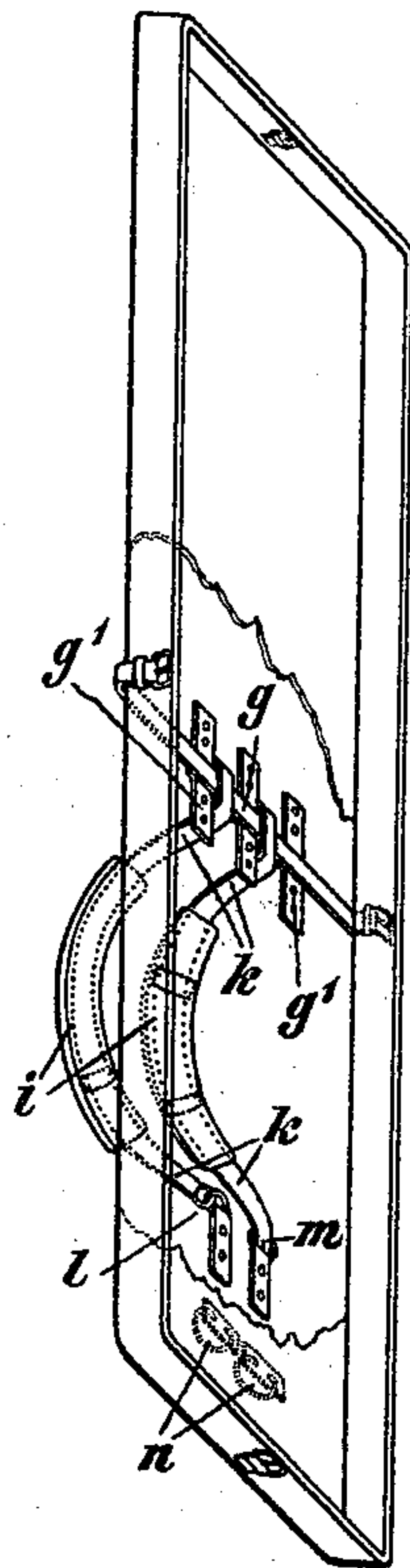
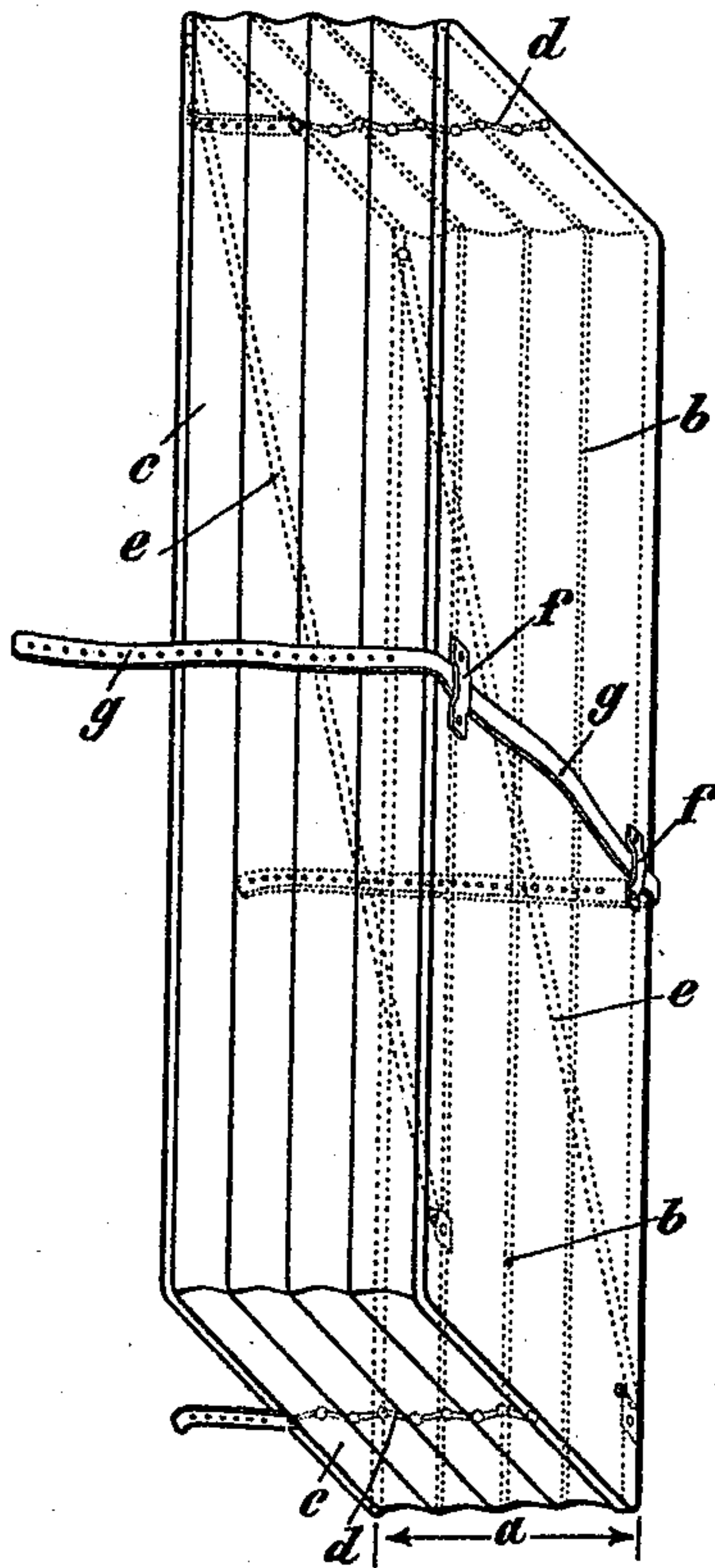


Fig. 1.



Witnesses:

E. B. Bolton

Wm B. Barker.

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UNITED STATES PATENT OFFICE.

ALFRED ORTH, OF LOMNITZ, GERMANY.

COLLAPSIBLE BOX.

SPECIFICATION forming part of Letters Patent No. 518,270, dated April 17, 1894.

Application filed October 27, 1893. Serial No. 489,304. (No model.)

To all whom it may concern:

Be it known that I, ALFRED ORTH, manufacturer, of Dorfstrasse, Lomnitz, Riesengebirge, in the Kingdom of Prussia and German Empire, have invented a new and useful Improved Collapsible Box, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to collapsible boxes and it has for its object to enable the capacity of the box to be varied to suit the bulk of the contents so as to prevent their disarrangement during transport and make the box more convenient to carry when only partially filled.

The invention consists of a box for carrying upon the back, the depth of which can be varied, and it is shown in the accompanying drawings, of which—

Figure 1 is a perspective rear view of the box with the lid removed and Fig. 2 a like view of the lid.

The body of the box is formed by parallel distension frames *b* covered with American cloth forming bellows-like gussets *c* and its depth is varied to suit the bulk of the contents by means of toggle-links *d* jointed to the frames *b*, the body being secured at the proper depth and with the necessary rigidity by means of adjustable diagonal stay-rods *e*. The lid is secured by the ends of a strap *g* passed beneath loops *f* on the rear of the box, being engaged with buckles on the ends of a corresponding strap *g* passed through loops *g'* on

the lid. Adjustable shoulder straps *k* (Fig. 2) provided with sliding pads *i*, are attached to the strap *g* the other ends of the shoulder straps being fastened to the lid, the one by means of a buckle *m* and the other by a hook *l* which is connected after the straps *k* have been passed over the shoulders. For convenience when carrying and lifting up and down a pair of handles *n* are provided.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A collapsible box capable of being adjusted and maintained in, a wholly or partially expanded condition, whose body is composed of distension frames covered with material and connected together by toggle links in combination with diagonal stay-rods or braces whereby the capacity of the box may be varied to suit the bulk of the contents, substantially as described.

2. A box comprising the body portion, the lid, the strap *g* extending transversely of the lid and adapted to secure the same to the body, and the shoulder straps attached at one end to the strap *g* and at the other to the box lid, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

ALFRED ORTH.

Witnesses:

PAUL FISCHER,
JOHN B. JACKSON.