

(No Model.)

E. L. SNADER.
ROUGH BOX FOR COFFINS.

No. 549,335.

Patented Nov. 5, 1895.

Fig. 1.

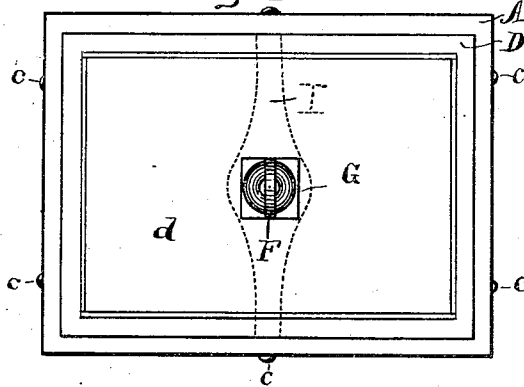


Fig. 2.

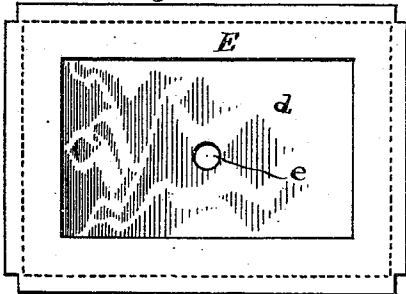


Fig. 3.

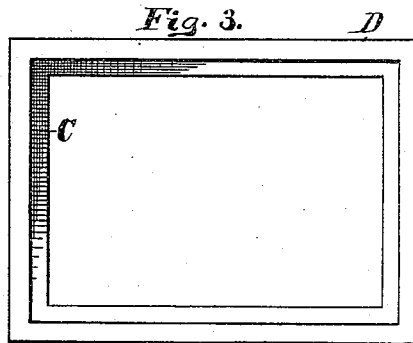


Fig. 4.

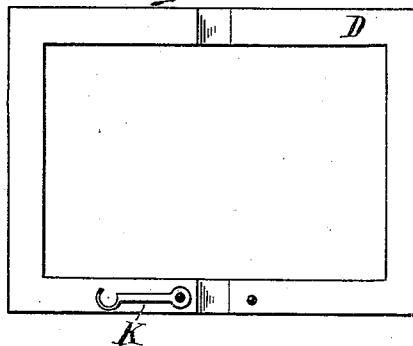


Fig. 5.

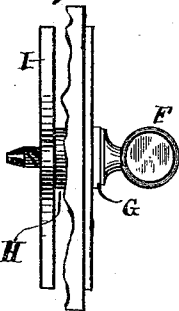


Fig. 6.

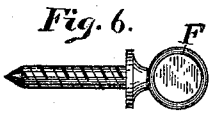
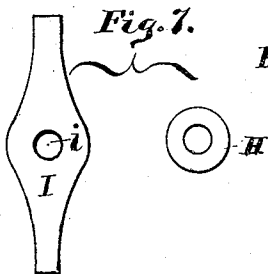


Fig. 7.



Witnesses:-

C. L. Reboher
Robert Head

Inventor.

E. L. Snader.

By his attorney

G. H. Stockbridge

UNITED STATES PATENT OFFICE.

EDWARD L. SNADER, OF NEW YORK, N. Y.

ROUGH BOX FOR COFFINS.

SPECIFICATION forming part of Letters Patent No. 549,335, dated November 5, 1895.

Application filed September 21, 1894. Serial No. 523,680. (No model.)

To all whom it may concern:

Be it known that I, EDWARD L. SNADER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Rough Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has reference to the subject of rough boxes or portable vaults for receiving coffins; and it has for its objects the improvement of such boxes or vaults in respect to the matter of the simple and easy attachment of the box-head and a quick and effective sealing of the whole structure, such improvement involving, also, an advantage in the way of increased cheapness.

My box-head may be applied either with or without a hermetical seal, although in most instances the seal will be used.

Where I apply my box-head to boxes other than my own make, I prefer to provide a frame of steel or other strong material to be set into the end of a rough box and serve as a help for attaching the head.

My invention will be clearly understood by reference to the accompanying drawings, in which—

Figure 1 is an end view of a rough box having my box-head attached thereto. Fig. 2 is an elevation of the box-head itself, interior view. Fig. 3 is an elevation of one side of the steel frame; Fig. 4, an elevation of the opposite side thereof. Fig. 5 is a side elevation of my box-head, together with a brace to which it is attached; and Figs. 6 and 7 are detail views.

Referring to the drawings by letter, A is a rough box made of iron, steel, or wood, or any other suitable or preferred material. In the end of the said box I set a frame D, preferably of steel, the same being secured in place by screw-bolts *ccc*. The said frame is formed with a shoulder C on its inner side, against which shoulder a head *d* is adapted to rest. As shown in Fig. 2, the said head has secured to its inner side a strip or strips of gum or rubber or similar sealing material E. In Fig. 1 this strip appears as a seal between the frame

D and the box-head *d*. The strip E may be dispensed with, in which case the head *d* will be made large enough to fit the opening in the frame D, as will be readily understood.

In the center of the head *d* is a perforation *e*, through which a thumb-screw F is adapted to pass. I provide a square washer G of metal outside the box-head, and inside the same I provide a thick rubber washer of cylindrical form, the same being marked H. Now the frame D on its rear side is notched, so as to admit the ends of a brace I. The said brace when in place presents a perforation *i* in line with the perforation *e* in the head *d*. The bore of the said perforation is screw-threaded to correspond to the screw-thread upon the bolt or thumb-screw F. At K, I show a latch or catch for holding the brace in place. The manner of attaching the head to the box will now be easily understood. The brace being in place, and being held there by the latch K, the head is pressed into position and the thumb-screw is turned. Thereupon the head is drawn tight, the tendency being to pull the brace against the frame on one side and the head against the frame on the other side. The presence of the rubber strip insures the proper sealing of the head at the edges, while the rubber washer around the thumb-screw performs the same office at the center of the head.

It should be stated that the washer H is put on the inner end of the thumb-screw before the head is set in, and that its thickness is such that when the head has been screwed on tight the said washer will be firmly compressed between the head and the brace.

It is obvious that I save a great deal of trouble by securing the head in place through the operation of a single screw. The advantages of this part of my invention are not affected by the material of which the box is made. It may be of iron, steel, wood, or a composition of matter. I am aware, however, that for many reasons it is often desirable to have the rough box of light material, and I will therefore describe the material which I prefer to employ for making a rough box. This material is wood covered with a paint made up of the following materials, to wit: Trinidad asphalt, residuum oil, coal-tar pitch, and what is commercially known as

“dead-oil.” The proportions in which these parts are combined are substantially ten parts each of Trinidad asphalt and coal-tar pitch, and one part each of residuum oil and dead-oil. In preparing the paint I commonly make a mixture of the Trinidad asphalt and the residuum oil in the proportions stated, and then a mixture of the coal-tar pitch and the dead-oil in same proportions, and afterward combine the two mixtures in about equal parts.

While I have described my box as specially adapted for use as a rough box or portable vault, it is evident that the same box may be used for packing furs or feathers or any other articles whose packings must be moisture-proof. When used as a rough box, my device is calculated not only to exclude moisture from the interior of the box, but also to resist decay for a very long period.

What I claim is—

A rough box or portable vault comprising in its construction the metallic frame D having the shoulder C and having notches in its rear side, the removable cross brace I adapted to fit said notches and having a screw-threaded hole, means for temporarily holding the brace with its ends in the notches, the head *d* adapted to fit the frame D and rest against the shoulder C and provided with an opening *e*, the screw F adapted to pass through the opening *e* into the hole of the brace I, and means for sealing the opening for the screw and the edges of the head, substantially as and for the purpose described.

In testimony whereof I have signed my name, in the presence of two witnesses, this 19th day of September, A. D. 1894.

EDWARD L. SNADER.

Witnesses:

C. L. BELCHER,

CHARLES M. CATLIN.