G. W. McKIM.

METALLIC CASK.

No. 169,824. Patented Nov. 9, 1875.

Fig. 1.

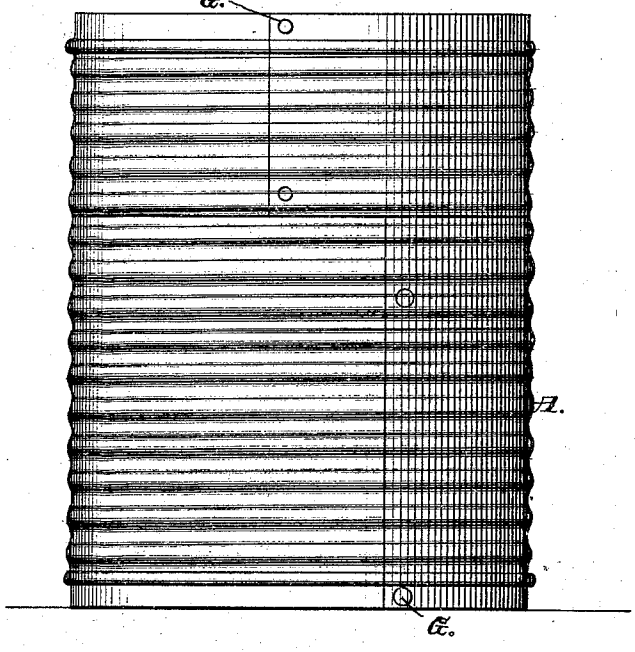
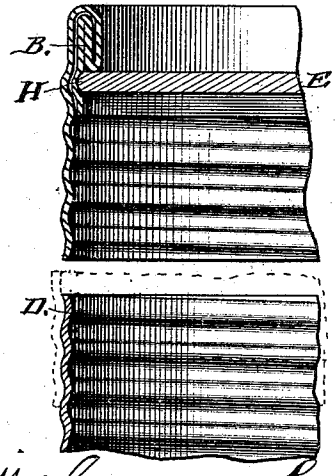


Fig. 2.



Witnesses:

LaFayette Bigelow

Geo. H. Graham.

Inventor:

George W. McKim

By Daniel Breed

Atty.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE W. McKIM, OF MARTIN'S FERRY, OHIO.

IMPROVEMENT IN METALLIC CASKS.

Specification forming part of Letters Patent No. **169,824**, dated November 9, 1875; application filed May 21, 1875.

To all whom it may concern:

Be it known that I, GEORGE W. McKIM, of Martin's Ferry, in the county of Belmont and State of Ohio, have invented an Improvement in Metallic Casks for Packing Nails, and for other purposes, of which the following is a specification:

In the accompanying drawings, Figure 1 is a side elevation of my improved keg or cask. Fig. 2 is a partial section, showing the improved method of fastening the head and stiffening the chine.

My invention consists of a metallic cask or nail-keg, the body of which is made in two parts, both having spiral corrugations, so that one section may be screwed into or upon the other, and also in a peculiar novel chine, made by folding over the double sheet metal, all of which will be fully described in the accompanying specification.

In the construction of my improved keg or cask the corrugations A run around the circumference in a spiral or screw form from top to bottom. By this method of corrugating the metal, the plate or sheet is less strained, and the cask is much stronger and more durable.

The body of the cask is made in two sections, one being screwed into the other, in order to close the cask, and also to diminish the size of the cask.

In the section, Fig. 2, at B, the sheet metal is folded in upon itself to stiffen the chine B and croze H, and the folded metal may have a second fold to securely fasten the head, thus giving the chine a fourfold thickness of sheet metal, as seen in Fig. 2 at B.

After the head E is inserted the shell may be fastened by rivets G, having good large heads, so as to take good hold of the sheet metal.

If desired, a metallic head may be used with my spiral corrugation of the two-part shell, or the mode of folding in the metal to form the chine and stiffen the croze or groove H, for receiving and holding the head E.

An important feature of my construction of cask is, the advantage of screwing the two sections of the body of the cask together far enough to reduce the size of the keg after the nails have been handled and thus shaken down, so as to occupy much less room than when the kegs are first filled. By giving two or three turns the head is brought home upon the closely-packed nails. Also, my kegs can easily be opened and without injury, so that the kegs may be used a second time, or many times, if desired.

Having described my invention, I claim—

1. The sheet-metal cask above described, having the two sections of the body of the cask constructed with spiral grooves, so as to be adjustably screwed together, substantially in the manner and for the purposes set forth.

2. The sheet-metal cask having the ends of its body folded over inwardly, and the croze-groove formed in the double thickness of metal, for the purpose of strengthening said groove, as set forth.

3. The fourfold chine, having the edge of the double fold turned over and bearing against the head, substantially as set forth.

GEORGE W. McKIM.

Witnesses:
E. J. HOYLE,
J. W. HOYLE.