

No. 122,133.

Patented Dec. 26, 1871.

HENRY G. PORTER.  
Improvement in Barrels.

Fig. 1.

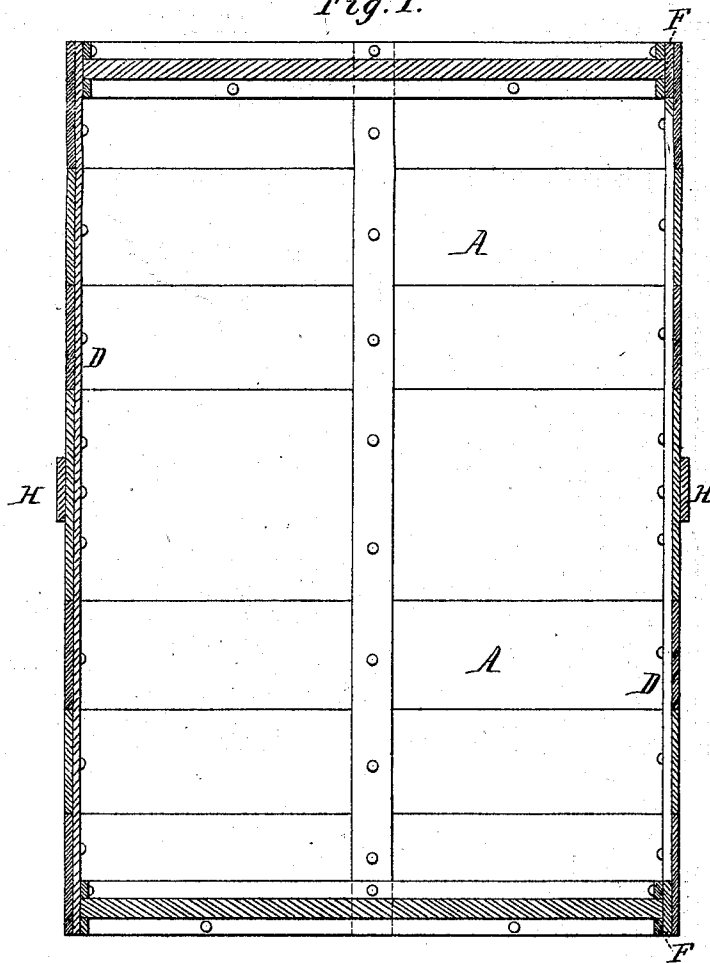
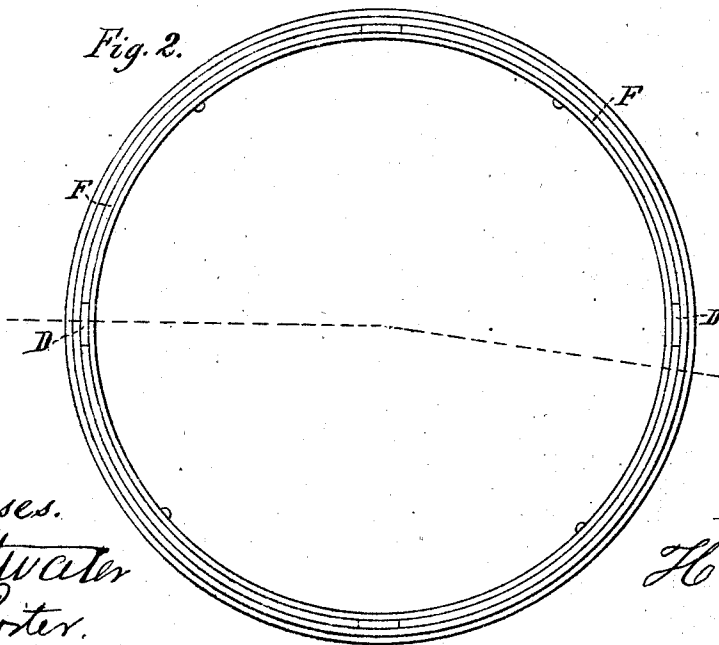


Fig. 2.



Witnesses.

L. R. Atwater  
H. G. Porter.

Inventor.

Henry G. Porter

# UNITED STATES PATENT OFFICE.

HENRY G. PORTER, OF GRAND RAPIDS, MICHIGAN.

## IMPROVEMENT IN BARRELS.

Specification forming part of Letters Patent No. 122,133, dated December 26, 1871.

I, HENRY G. PORTER, of Grand Rapids, in the county of Kent and State of Michigan, have invented certain Improvements in Barrels, of which the following is a specification:

The nature of my invention consists in a novel mode of constructing barrels, boxes, or any packages for containing fruit, or any other articles not requiring a close package. This package may be made from refuse material of factories for making bent articles, as will be hereinafter set forth.

Figure 1. is a vertical section of my barrel. Fig. 2 is a plan view of the same.

A A, &c., represent two or more hoops, according to the length of package desired, which may be of the same or of different widths, according as the refuse material will work up. D D are the ribs running the full length of the barrel or package, on the inside or outside, and fastened to the hoops A A, &c. F F F F are strips run-

ning around the inside of the ends of the barrel, between the ribs D D, when said ribs are used inside of the barrel. These strips F F F F are of the same thickness as the ribs D D, and are of sufficient width so that the inside lining hoop for the head to rest upon may be fastened to them. H is a hoop fastened around the middle of the barrel on the outside, to form a bilge, to facilitate the handling of the barrel. Two hoops, a few inches apart, may be used if preferred.

I claim as my invention—

The combination of two or more ribs, D, extending throughout the entire length of a sectional bent barrel, and the strips F extending between the ribs D at the ends of the barrel, substantially as and for the purpose set forth.

HENRY G. PORTER.

In presence of—

L. R. ATWATER,  
FRED. D. PORTER.

(40)