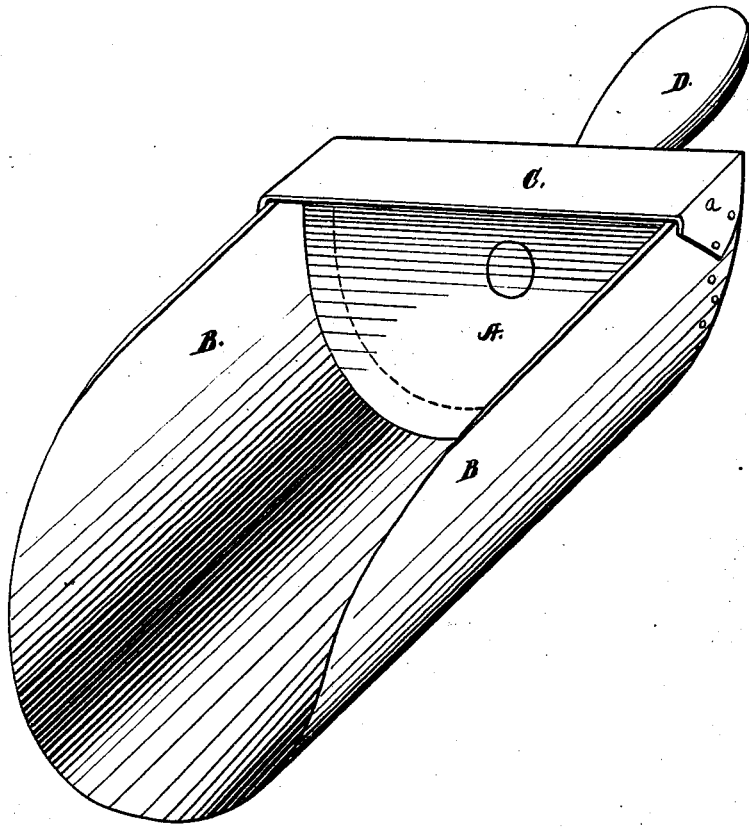


C. W. SCHWANENGEL.
Grocer's Scoop.

No. 197,673.

Patented Nov. 27, 1877.



Witnesses;
Chas. M. Peck
Wm. Ritchie

Inventor;
Charles W. Schwanengel
by his attys
Peck & Co.

UNITED STATES PATENT OFFICE.

CHARLYS W. SCHWANENGEL, OF DAYTON, OHIO, ASSIGNOR OF THREE-FOURTHS OF HIS RIGHT TO FREDK. A. REQUARTH, HENRY HASSLER, AND CONRAD W. SCHAEFER, OF SAME PLACE.

IMPROVEMENT IN GROCERS' SCOOPS.

Specification forming part of Letters Patent No. **197,673**, dated November 27, 1877; application filed August 2, 1877.

To all whom it may concern:

Be it known that I, CHARLYS W. SCHWANENGEL, of Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Grocers' Scoops; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention relates to certain improvements in wooden scoops for grocers and others, whereby great strength is combined with simplicity and cheapness of construction.

My improvement consists in the construction of the scoop, as will be herewith set forth and claimed.

To enable others skilled in the art to which my invention appertains to make and use the same, I would thus proceed to describe it, referring throughout to the accompanying drawing, representing, in perspective, my improved scoop.

A represents the end of the scoop, made of a semicircular piece of wood, of from one-half to three-quarters of an inch in thickness. B is a semi-elliptical piece of hard wood, of about one-eighth or one-quarter of an inch in thickness, which is steamed and bent up around the edge of the end A, with its grain running longitudinally, and is secured thereto by nails or screws.

To render the union of the parts more perfect I secure a strip of zinc or other sheet metal, C, over the top of the piece A, and secure its bent ends *a* over the edges of the body

B. D is a suitable handle, inserted into the end piece A in the usual manner.

By this means of steaming and bending the blade of the scoop I provide a strong, light, and cheap implement, not liable to split.

The advantages of the within-described construction are: First, by steaming the wood composing the blade, its fiber is made closer and rendered more tenacious, thus greatly strengthening and improving the blade; second, by securing the end of the blade upon the end piece or head A, instead of mortising it in and having a portion of the end piece to project below the under side of the blade, I greatly improve the construction, for, where a portion of the end piece projects below the blade, it is in constant danger of coming in contact with the rims of barrels or edges of drawers, and is liable to become broken.

I am aware that it is not new to make a scoop of wood; but what I claim is—

As a new article of manufacture, a wooden scoop with steamed and bent blade B, having its grain running longitudinally, end piece, metal brace-piece C, and handle D, the parts being connected substantially as and for the purpose described.

Witness my hand this 9th day of July, A. D. 1877.

CHARLYS W. SCHWANENGEL.

Witnesses:

WM. RITCHIE,
P. H. GUNCKEL.