

UNITED STATES PATENT OFFICE.

JESSE G. THOMPSON, OF CARBONDALE, PENNSYLVANIA.

IMPROVED COMPOSITION FOR COATING OIL-BARRELS AND FOR OTHER PURPOSES.

Specification forming part of Letters Patent No. **46,734**, dated March 7, 1865.

To all whom it may concern:

Be it known that I, JESSE G. THOMPSON, of the city of Carbondale, in the county of Luzerne and State of Pennsylvania, have invented a new and Improved Sizing for Kerosene-Barrels and other Casks, to prevent leakage or waste by evaporation, and also to use for gluing wood and other materials; and I do hereby declare that the following is a full and exact description thereof.

The nature of my invention consists in the mixing linseed-oil with glue, thereby making it penetrate more readily into the wood, and also to increase the strength of the glue, which will thoroughly unite, and by the aid of the water, before it is dried out, form a complete sizing, which after it is spread upon the inner surface of a barrel or cask and the bung being taken out, the water escapes by evaporation, and the oil and glue form a thin permanent coating.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I take a half-pound of glue, dissolve it in water, put it in a common glue-pot, then add nearly a gill of linseed-oil, boil it until it becomes thick enough to form a coating on a stick with which I stir it while boiling, then pour it into the barrel, turn and move the barrel cautiously until it becomes completely sized inside and the cracks and worm-holes filled. I then let it stand thirty-six hours in a dry place and twelve hours in a room that has a fire in it, and the barrel is then ready for use. For gluing I boil out more of the water and use it in the same way as other glue.

What I claim as my invention, and desire to secure by Letters Patent, is—

The mixing linseed-oil with glue, as herein described, for the purposes set forth.

JESSE G. THOMPSON.

Witnesses:

JAMES CLARKSON,
WILLIAM ROOT.