

# UNITED STATES PATENT OFFICE.

JAMES P. WALTERS, OF LACLEDE, ILLINOIS.

## BELLOWS-COVERING.

SPECIFICATION forming part of Letters Patent No. 246,050, dated August 23, 1881.

Application filed October 21, 1880. (Specimens.)

*To all whom it may concern:*

Be it known that I, JAMES P. WALTERS, of Laclede, in the county of Fayette and State of Illinois, have invented a new and useful Improvement in Bellows, of which the following is a specification.

The invention relates to an Improvement in bellows, as hereinafter fully described, and particularly pointed out in the claim.

10 The object of the invention is to provide a covering for a bellows which will be pliable and durable and may be produced at a very small expense.

15 Heretofore bellows-coverings have consisted principally of leather, which adds greatly to the expense of the bellows, and is liable to be affected by dampness and changes in the temperature, and consequently to become hard and crack. The covering that I produce will 20 not be affected by the weather, it is more pliable than leather, and works easier, and will cost probably less than one-tenth as much as a leather covering.

25 In preparing my covering I take a piece of heavy cloth, of any size, and give it about three coats of a paint which I specially compound for the purpose. The said paint con-

sists of eight (8) parts of boiled linseed-oil, six (6) parts of diluted acetic acid or common vinegar, and four (4) parts of turpentine, with 30 enough lamp-black mixed in to make the compound sufficiently thick to be applied to the cloth by means of a brush. The cloth absorbs the paint and becomes thoroughly soaked in it. The paint is of such a nature that it will 35 not harden the cloth, but on the contrary will preserve it in a pliable condition and render it air-tight and water proof.

What I claim as my invention, and desire to secure by Letters Patent, is— 40

A covering for a bellows consisting of a cloth of textile material saturated or heavily coated with a compound composed of linseed-oil, diluted acetic acid, turpentine, and lamp-black, in about the proportions stated, substantially 45 as set forth.

In testimony that I claim the foregoing improvement in bellows, as above described, I have hereunto set my hand this 15th day of October, 1880.

JAMES P. WALTERS.

Witnesses:

RICHARD C. FARTHING,  
JOHN W. SPRINGER.