

P. L. WOOSTER.
BELTING.
APPLICATION FILED OCT. 17, 1905.

933,011.

Patented Aug. 31, 1909.

Fig: 1.

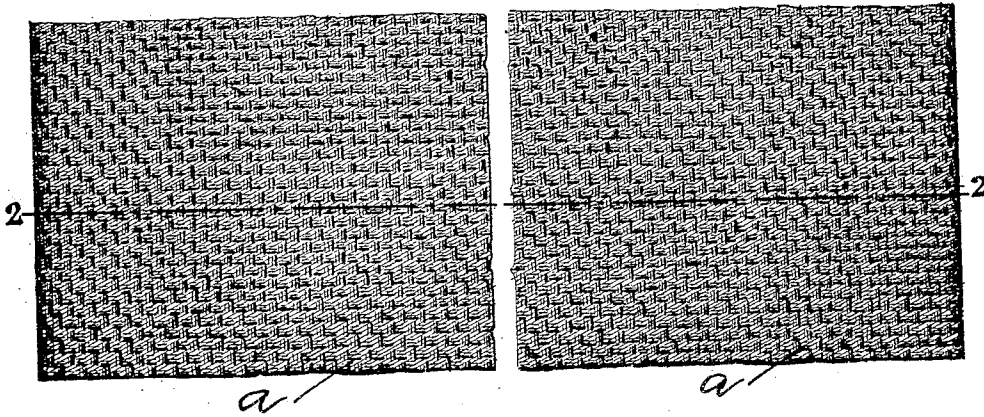
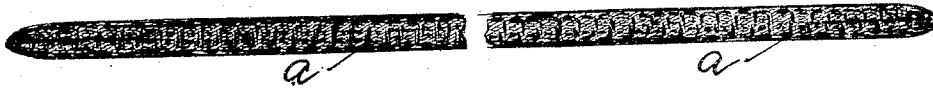


Fig: 2.



Witnesses
H. J. Substier.
Elsa Newberry

Inventor
Philip L. Wooster
By his Attorney
Samuel Goebel

UNITED STATES PATENT OFFICE.

PHILIP L. WOOSTER, OF YONKERS, NEW YORK, ASSIGNOR TO DURYEA MANUFACTURING COMPANY,
A CORPORATION OF NEW JERSEY

BELTING.

933,011.

Specification of Letters Patent.

Patented Aug. 31, 1909.

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To all whom it may concern:

Be it known that I, PHILIP L. WOOSTER, a citizen of the United States, residing in Yonkers, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Belting, of which the following is a specification.

This invention relates to certain improvements in belting so that it is rendered waterproof and more lasting in use; and for this purpose the invention consists in providing an absorbent woven fabric body portion which is impregnated with an asphaltum composition and then compressed and dried, as will be fully described hereinafter and finally pointed out in the claim.

Referring to the accompanying drawings, in which like characters of reference indicate corresponding parts in each of the several figures, Figure 1 represents a front elevation of my improved belting, and Fig. 2 is a vertical longitudinal section of the same on the line 2-2 of Fig. 1.

In said drawings, *a* represents the web of my improved belting, and which is preferably made of closely woven cotton fabric. This web is saturated under pressure with a solution of asphaltum having a bituminous base in a suitable hydrocarbon, carbon sulfid, or other suitable solvent of asphaltum. When the solution is impregnated in the

woven body portion, the same is passed through suitable rollers so as to smooth the surface, and then dried at ordinary or artificial temperature. It assumes thereby a dead-black color and is slightly moist to the touch and capable of resisting the changes of moisture in the atmosphere in a very effective manner, while it is rendered very durable and capable of outlasting the ordinary cotton belting.

The advantages of my improved belting are that the same is impervious to water, resists the ordinary changes of temperature and moisture in the atmosphere and has long life, great durability and high friction with a corresponding decrease in slippage. The body portion can also be made from jute or other textile fiber.

Having thus described the invention what I claim is:

As an article of manufacture, belting consisting of an absorbent woven fabric body portion which has been saturated with a solution of asphaltum and dried.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

PHILIP L. WOOSTER.

Witnesses:

PAUL GOEPEL,

FREDERIC I. LOCKMAN.