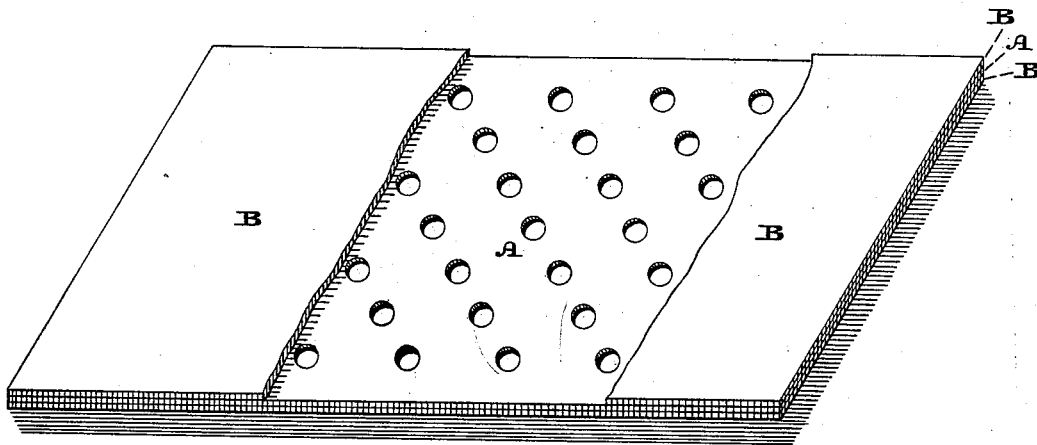


J. H. GREENE.
Roofing-Paper.

No. 206,436.

Patented July 30, 1878.



Witnesses:

No. P. Grant,

W. S. Fisher

Inventor:

J. H. Greene,

by *J. A. Diederichsen*

ATTORNEY.

UNITED STATES PATENT OFFICE.

JONATHAN H. GREENE, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN ROOFING-PAPER.

Specification forming part of Letters Patent No. **206,436**, dated July 30, 1878; application filed May 31, 1878.

To all whom it may concern:

Be it known that I, JONATHAN H. GREENE, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Paper for Roofing, Sheathing, &c., which improvement is fully set forth in the following specification and accompanying drawing, in which the figure is a perspective view of the felt paper embodying my invention, the folds being partly removed.

My invention consists of paper for roofing, sheathing, lining, &c., the same being formed of a perforated sheet or sheets of paper interposed between covering-sheets, all firmly united and subsequently treated with tar or other waterproofing material, whereby the body of the prepared paper is firm, strong, and light, pliable in its nature, and not liable to crack or drip.

Referring to the drawings, A represents a sheet of paper perforated throughout its length. B represents sheets or layers of paper which are laid over the sheet A, so as to inclose the same, and united thereto by means of paste, gum, cement, or other glutinous substance interposed between the faces of the sheets A B B. The combined sheets are pressed on one or both sides by means of rollers or other devices, and it is evident that some of the glutinous substance will enter the perforations of the sheets A and dry therein, whereby the several

sheets will be bound and securely held together. The combined sheets are then passed through hot tar or other waterproofing material and completely saturated, the body of the paper becoming perfectly water-proof and possessing firmness, pliability, strength, lightness, and it is not liable to drip or crack, the product being of a superior quality.

It will be noticed that the compound sheet is formed entirely of paper, and the perforations of the inner sheet are free and unobstructed until the several sheets are united.

I am aware that it is not new to inclose a sheet of fabric, netting, or metal between covering-sheets; but as the product does not possess the advantages of a compound sheet entirely of paper, I believe that I have made an improvement in the art.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The paper for roofing, sheathing, &c., the same consisting of a perforated sheet, A, of paper, in combination with a covering-sheet, B, of paper on one or both sides, united and waterproofed, substantially as and for the purpose set forth.

JONATHAN H. GREENE.

Witnesses:

JOHN A. WIEDERSHEIM,
H. E. GARRETT.