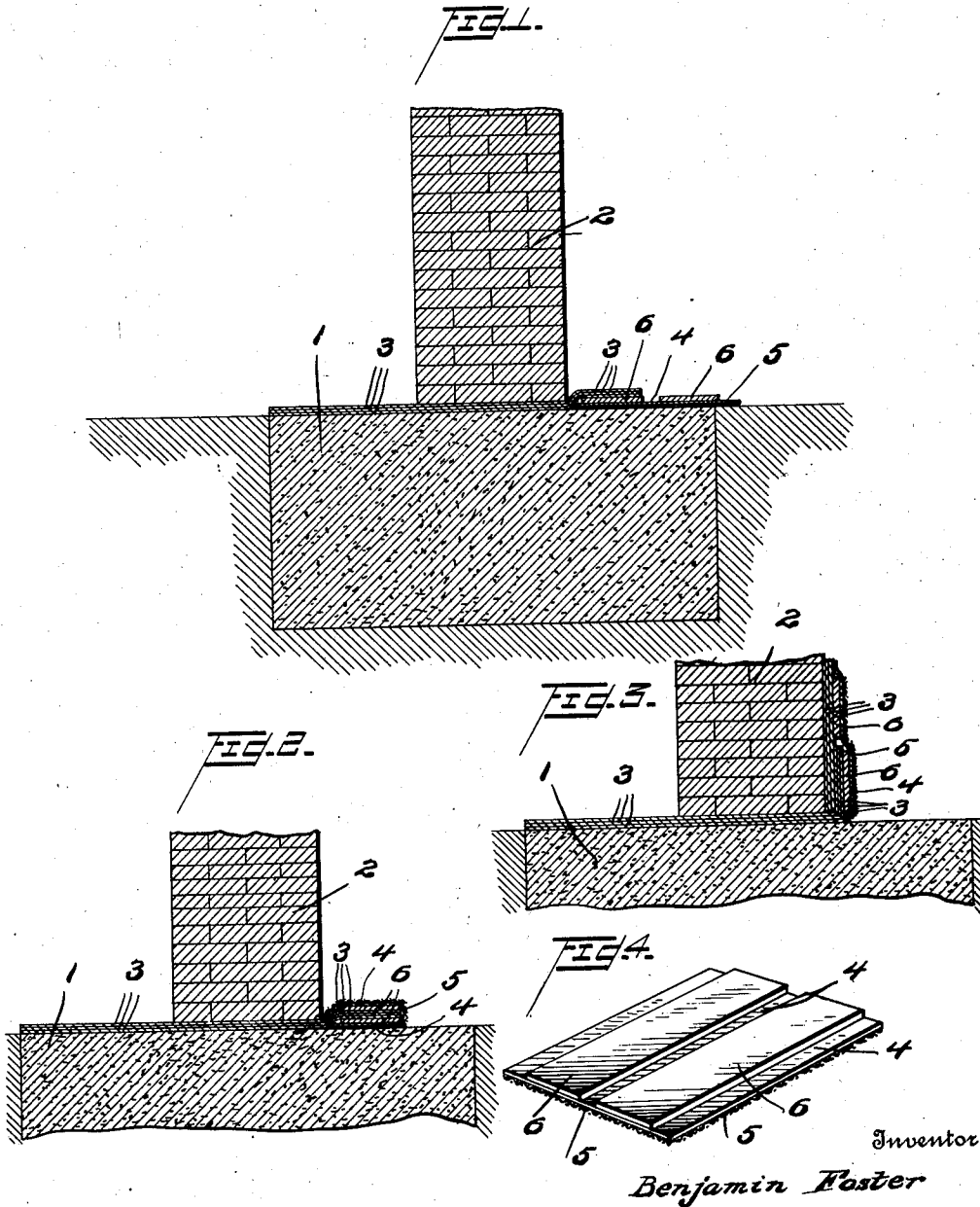


B. FOSTER.
 WATERPROOFING CONSTRUCTION FOR BUILDING WALLS.
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1,062,091.

Patented May 20, 1913.



Witnesses

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, BENJAMIN FOSTER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Waterproofing Construction for Building-Walls, of which the following is a specification.

My invention relates to improvements in water-proofing construction for building walls, the object of the invention being to provide improved means for protecting water-proofing material which is projected beyond the wall on the footing, while the wall is being constructed, and then utilizing the protector as well as the projecting end of the water-proofing material to water-proof the lower end of the wall at its juncture with the footing.

Heretofore in water-proofing outside walls, it has been customary to position sheets of water-proofing material on top of the footing and build the wall thereon, it being the intention to bend the outwardly projecting portion of the water-proof material against the outer face of the wall after the latter is at least up to the ground level. It frequently happens that a considerable length of time elapses before this wall is built sufficient to enable the water-proofer to finish his work, and the water-proofing material is damaged by water and other conditions so that when it is desired to utilize the same, it is found defective and the result is a poor job. It is the purpose of my invention to provide an improved protector for this projecting portion of the water-proofing material, and then utilize the protector as well as the projecting end of the material to water-proof the lower portion of the outer face of the wall.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings: Figure 1 is a view in section through a wall and footing illustrating my improvements with the protector open ready for folding down upon the water-proofing material. Fig. 2 is a similar view showing the protector in operative position while the wall is being

built. Fig. 3 is a similar view showing the parts in their final position, and Fig. 4 is a perspective view illustrating my improved protector.

1 represents a footing and 2 a wall built thereon.

3 represents a plurality of sheets of water-proof material which are positioned on top of the footing and on which the wall 2 is built. These sheets 3 may be variously formed, but I preferably use well known material on the market comprising felt and impregnated with pitch and other like material, so that the sheets are rendered entirely water-proof. It is to be understood therefore that when I refer to the sheets 3 as water-proof, I use this term in the broadest possible sense.

It will be noted particularly in Fig. 1, that the outer ends of the sheets 3 project beyond the outer surface of the wall 2 and to protect this portion of the sheets 3, my improved protector is first positioned as shown in Fig. 1.

The protector comprises a relatively large sheet 4 of relatively thin felt suitably water-proofed and having a re-inforcing backing of fabric preferably cheese cloth or the like so as to strengthen the sheet 4. On the sheet 4, and spaced apart, are two relatively heavy pads 6 of water-proofed felt and it will be noted that these pads are not only spaced apart but that they are spaced from the ends of sheet 4 as clearly shown in Fig. 4.

The protector is positioned under the projecting ends of sheets 3, so that said projecting ends rest upon one of the pads 6. The protector is then folded to bring the other pads 6 on top of the sheets 3, and the ends of sheet 4 are secured in the position shown in Fig. 2 by pitch, cement or other suitable material, so that the entire structure is rendered water-tight.

After the wall 2 is completed, the upper portion of the relatively thin sheet 4 is torn away from the lower portion of the sheet and the protector swung back to the position shown in Fig. 1. The outer face of wall 2 is covered with water-proofing sheets 3 as indicated in Fig. 3, and then the protector and the projecting ends are folded up against the outer sheets 3 as indicated in Fig. 3, all of said sheets and protector being secured together by any suitable cement, pitch or the like.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

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

1. A protector for water-proofing sheets comprising a sheet of water-proofing material, a re-inforcing sheet on said protector, and said re-inforcing sheet and protector adapted to be folded and inclose the ends of water-proofing sheets, substantially as described.

2. A protector for water-proofing sheets comprising a sheet of water-proofing material adapted to be folded upon the ends of water-proofing sheets, and pads secured to

said protector and located at opposite sides of the water-proofing sheets, substantially as described.

3. A protector for water-proofing sheets comprising a sheet of water-proofing material, a re-inforcing backing secured to said sheet, and pads secured to said sheet spaced apart and spaced from the ends of the sheet, substantially as described.

4. In combination with a footing, a plurality of sheets of water-proofing material located on the footing, a wall on said sheets, and a protector folded upon itself and inclosing the outer ends of said sheets, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BENJAMIN FOSTER.

Witnesses:

C. R. ZIEGLER,

S. W. FOSTER.