

C. DAVIS.
SHINGLE.

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1,403,392.

Patented Jan. 10, 1922.

Fig. 1.

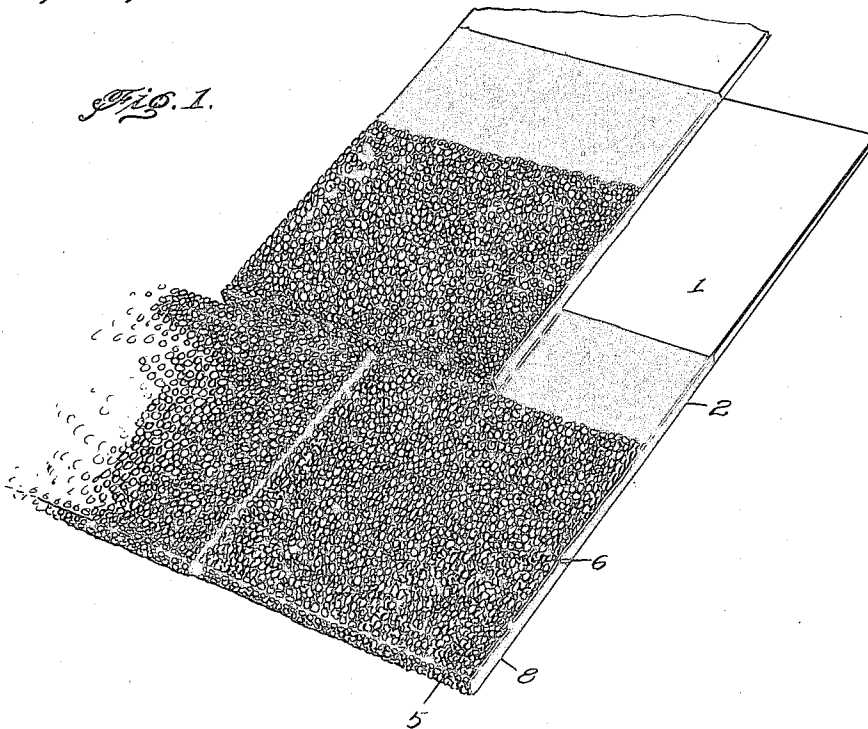
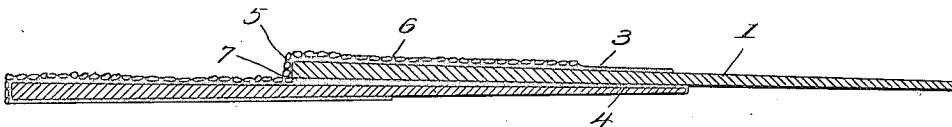


Fig. 2.



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SHINGLE.

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To all whom it may concern:

Be it known that I, CECIL DAVIS, a citizen of the United States, residing at Atlanta, in the county of Hamilton and State of Indiana, have invented certain new and useful Improvements in Shingles, of which the following is a specification.

This invention relates to building material and more particularly to a new and improved type of shingle.

The primary object of the invention is directed to a wooden shingle of the ordinary and common construction prepared with a fire proof coating or covering and one in which advantage is taken of heat to form a water proof, non-combustible covering after the shingles have been laid.

The primary object of the invention is the provision of a wooden shingle properly covered with tar and gravel or finely ground stone, whereby when the shingles are placed in position the action of the sun's rays will cause the tar to flow, thus forming a water proof covering for a building, and in addition providing air tight joints between the respective shingles.

Another and very important object of the invention is the provision of a shingle of the character above set forth, which will be extremely simple in construction, easily prepared, practical, highly efficient in use and capable of being manufactured at a very low cost, fire proof, water proof, and otherwise meeting the requirements and specifications of structures of this type.

With these objects in view and others which will be manifest and suggested as the nature and purpose of my invention are revealed in the following specification and drawing, wherein I have shown a practical, yet preferred embodiment thereof.

Figure 1 is a perspective view showing the overlapping shingle.

Fig. 2 is a longitudinal section thereof.

Referring now to the drawing wherein like parts refer to similar parts in the specification, numeral 1 designates the ordinary tapered, wooden shingle which as shown is provided with a coating preferably of tar or other water proof composition designated by numeral 2 coating the top and bottom 3 and 4 and also the end 5 of the shingle. The top and end of the shingle is preferably covered with a coating of fine stone or gravel 6, which constitutes

the fire proof covering for the shingle as is readily understood. Referring to the drawing, it will be noted that the gravel only partly covers the water proof, tar covering so that when the next adjacent shingle is placed thereon the heat from the sun's rays will cause the same to adhere, providing a tar and gravel covering for the building. The gravel and tar at the adjacent joints of the shingles as designated by the numeral 6, will make an air tight joint between said shingles, and prevent the same from being separated. The vertical sides of the shingles 8 are also preferably covered with tar permitting the shingles to be placed in close contact, so that when tar coating begins to flow the shingles will adhere to each other in the same manner above referred to.

From the above construction, it will be readily seen that I have provided a new and very useful and improved type of wooden shingle capable of universal use in connection with building structures, and one in which a fire proof, water proof, covering is had.

From the above construction, it will be readily seen that I have provided a novel and highly efficient and new form of roofing shingle, capable of universal use in connection with various building structures, and one which is extremely simple, highly efficient and practical, capable of being manufactured at a comparatively low cost, water proof, fire proof, and otherwise meeting the requirements and specifications of structures of this character.

In the accompanying drawings, I have illustrated my invention embodied in one form by way of example, and which in practice has been found to be highly satisfactory in obtaining the desired results. It will be obvious however, that other embodiments may be adopted, and that various changes in the details of construction may be resorted to by those skilled in the art without departing from the spirit and scope of the invention. It is furthermore understood, that the invention is not necessarily limited or restricted to the precise elements shown, except in so far as such limitations are specified in the subject matter being claimed.

Having shown and described my invention, what I claim as new and desire to secure by Letters Patent of the U. S. is:—
1. In a wooden shingle of the class described, a water proofing material covering

the major portions of the top and bottom of said shingle, a fire proofing material covering the major portion of one side of said water proofing material, and one end of the
5 shingle, whereby an air tight joint is had between the next adjacent shingle.

2. In a wooden shingle of the class described, a coating of tar covering the major portion of the top and bottom, sides and one

end of said shingle, a granular, fire proof 10 coating covering the major portion of the top and one end of said shingle, whereby a tight joint is had between the next adjacent shingle when the same adhere to each other.

In testimony whereof, I affix my signature 15 hereto.

CECIL DAVIS.