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J. S. Williams,

Stone Pavement,

Patented July 1, 1836.

Fig. 1.

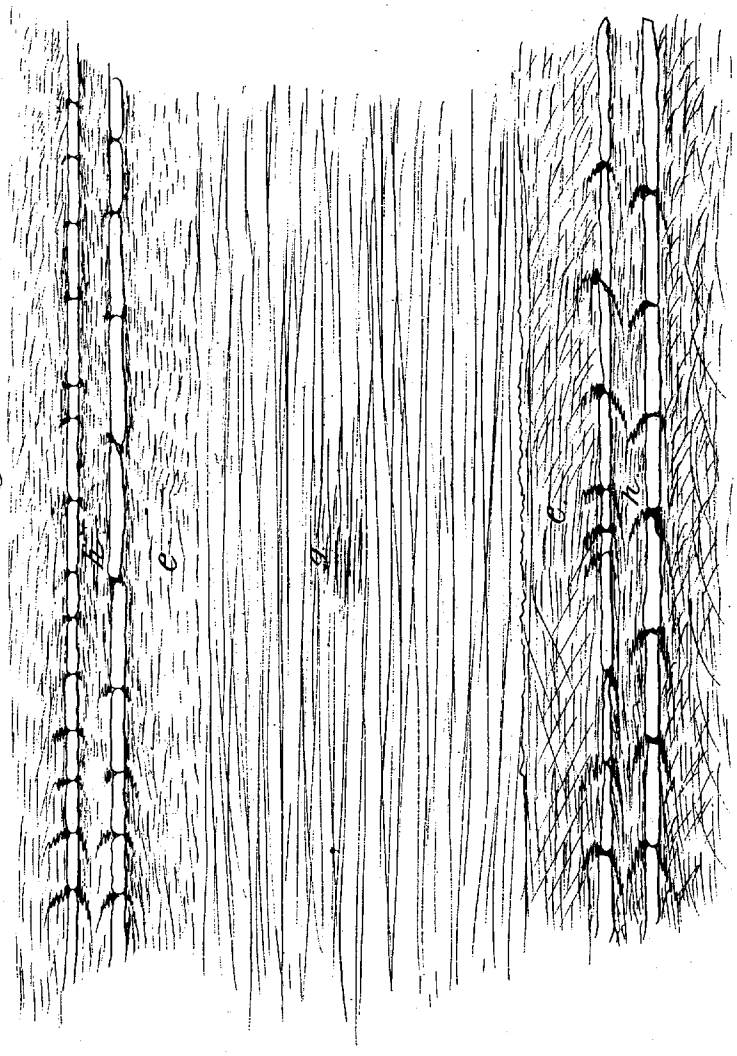
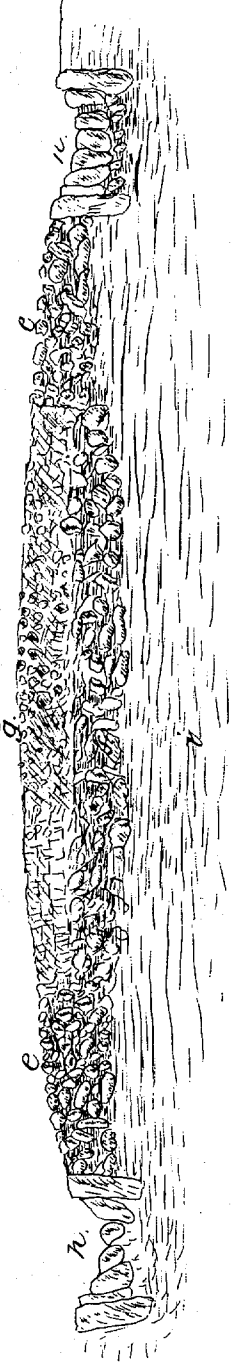


Fig. 2.



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Jno. S. Williams of Fulton Township Ohio

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Jno. S. Williams himself of his improvement on the art of Road making"

To all to whom these presents shall come. Be it known, that I Jno. S. Williams of Fulton Township in Stancillin County and State of Ohio. have invented a new and useful improvement in the art of Road making and that the following is a full and exact description thereof. I prepare stone in the usual manner for the construction of a Mc Adamized cover by reducing it to particles not exceeding a specified maximum weight or size. I then prepare the bed of the Road in the usual manner by laying on the stone cover. But instead of making the Mac Adamized cover of the usual width of it is to be laid narrower by which an edging of rough stone is granted to be added to each side to make out the intended width of cover. I do not intended to confine the Road maker to any specific mode of consolidating the smooth cover with the rough edging but the method I prefer is this. After the bed is prepared to receive the prepared stone, let a layer of it be laid, but be careful, rolled or travelled let a rough edging be laid on each side thick enough to receive the full Mc Adamized cover after it is consolidated. For a Mc Adamized cover laid a foot in depth 8 or 9 inches of edging will be sufficient thickness which may be thinner at the extreme edges. If this edging is to be of common pavement laid solid, no further labor over will be necessary. But if the edging is to be of rough stone it will be necessary to point it with sledges or long handled hammers and the loose stone intended to be covered edge diagonal exceeding three inches in general dimensions. If the edging be of gravel it will be necessary to lay it in layes not exceeding the thickness of the layes of stone for the center cover and to roll both center and

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edging simultaneously. The Telford Road is constructed by setting a thin but very rough pavement of large stone in the bottom over which a layer of stone prepared in all respects as for a Mc Adamized cover is to be spread and travelled down into a smooth surface. It is intended to combine this kind of Road with rough edging in like manner and for similar purposes. In this case I should prefer to combine the rough edging first, and the stone between for the reception of the prepared stone.

I do not claim as my invention the construction of either Mc Adamized or Telford Roads neither do I claim the paving of shed gutters, where the centre is Mc Adamized, But what I do claim as my own invention and not previously known in the art of Road making is the combining or using a rough edging of any kind with a Mc Adamized or Telford cover. the intention of constructing the rough edging being principally to make width to accommodate passing vehicles and to give support to the edges of the smooth cover to prevent the small particles of which they are composed from spreading and into thin and weak edges.

Witnesses
John A Wiseman
Jesse Oneille

Jno. S Williams

(Seal)

(Seal)

Drawing m.s.