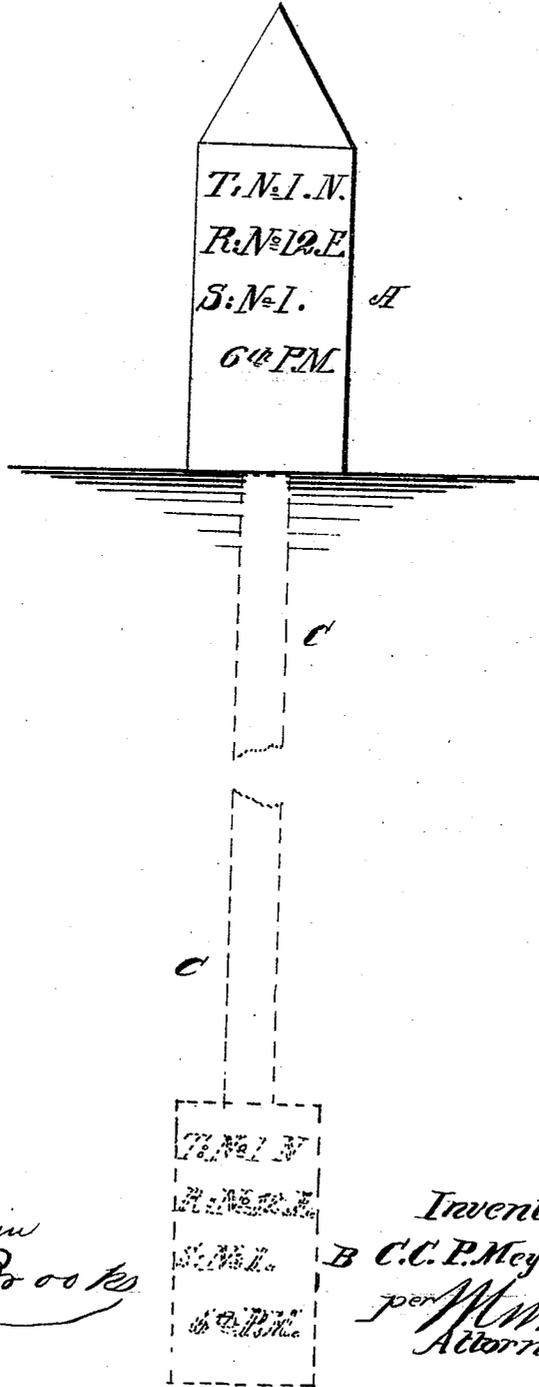


C.C.P. Meyer,

Surveyor's Mark.

No. 28084.

Patented Dec. 21. 1869.



Witnesses
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CARL C. P. MEYER, OF YANKTON, DAKOTA TERRITORY.

Letters Patent No. 98,084, dated December 21, 1869.

IMPROVEMENT IN SURVEYORS' MARK.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CARL C. P. MEYER, of Yankton, Yankton county, Dakota Territory, have invented a new and improved Surveyors' Mark; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

My invention relates to surveyors' marks, and consists in making or manufacturing a mark out of burnt clay, porcelain, or any similar material, or in coating a piece of wood or metal with burnt clay, porcelain, or other similar material, and in forming, by pressure, moulding, cutting, or inscribing, impressions upon each end of the mark, which will convey the information that it is designed to give.

These marks are especially designed for use in the Government surveys of public lands in the West, when these surveys extend over extensive plains and prairies destitute of stone and timber, as well as for other surveys in the same regions.

As is well known, the Government surveyors, in running out lands, destitute of stone and timber, into ranges, townships, sections, &c., are obliged to prepare their marks or stakes in advance; that these stakes are made of wood, and, in connection with mounds and excavations, are used to indicate or mark the corners of townships and sections.

It is also well known that in a few years these marks become almost obliterated by the fires which frequently sweep over the country, or by the action of the elements, so that it is impossible to find the points these marks were set to indicate without great difficulty, and without oftentimes making new surveys and setting up new marks.

To furnish a mark that can be conveniently carried by the surveying parties, and that when set in the ground cannot be easily destroyed by the elements, or, if broken, will still leave in the ground a sufficient portion to indicate the spot it was set to mark, is the object of my invention.

The drawing represents a block or mark, A, of suit-

able size and shape, made of burnt clay, porcelain, or other suitable material, or of a block of wood or metal coated with either of these materials, and then having formed thereon, at each end, suitable devices to indicate the point it is set to indicate.

The drawing also shows that instead of one continuous mark there may be two heads, A B, or that the two ends may be united by a piece or rod, C, of a similar material.

I thus make my marks out of the materials as herein described, with the devices required to indicate the place or corner they are designed to mark, cut, moulded, or in any suitable way impressed on each end of the same, as shown in the drawing.

These marks I set in the ground, at the points, or they are carried by surveying parties and placed at the point desired, and they will remain, unless removed by design, for years, proof against fire or other destructive elements. And should the end projecting from the ground be broken off by accident or design, the end remaining in the ground will still make known the position of the corner, so that at any subsequent period to the survey, parties who desire to find these corners for any purposes, whether it be for running out their lands, or for finding in what section of the country they are travelling, or in what direction, may do so without difficulty.

Having thus described my invention,

What I claim, is—

1. As a new article of manufacture, a surveyors' mark, made of burnt clay, porcelain, or similar materials, or coated with the same, and provided with impressed or projecting inscriptions on each end, as herein described.

2. A surveyors' mark, consisting of two heads, A and B, and an intermediate connecting-piece, C, all made of the materials and in the manner herein shown and described.

CARL C. P. MEYER.

Witnesses:

FRANKLIN WIXSON,
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