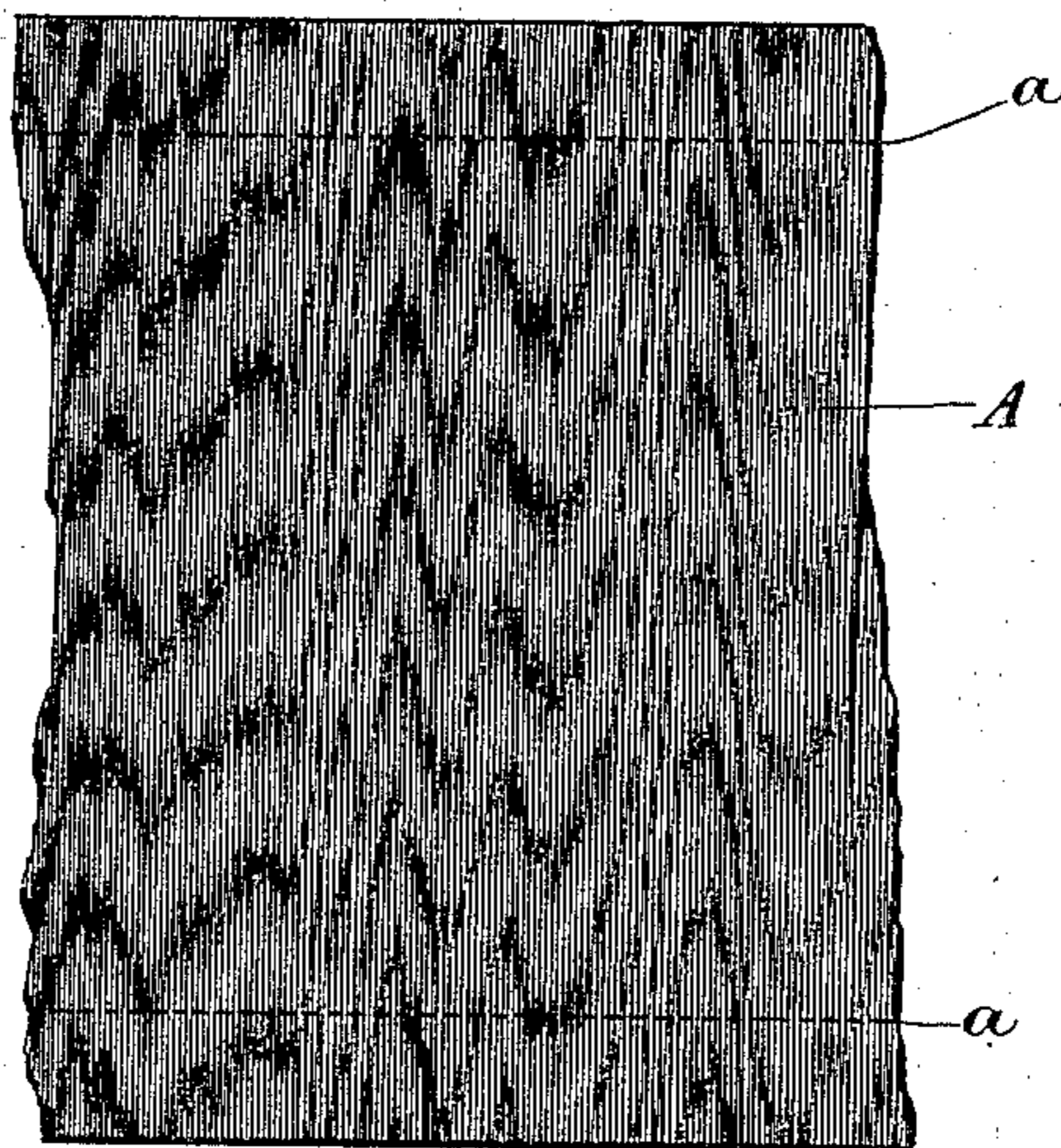


(No Model.)

G. MUNGER
WICK.

No. 383,822.

Patented May 29, 1888.



Witnesses.

J. H. Shumway
Fred C. Barlee

Geo. Munger,
Inventor.
By Atty.
J. M. C. C. C.

UNITED STATES PATENT OFFICE.

GEORGE MUNGER, OF EAST RIVER, CONNECTICUT.

WICK.

SPECIFICATION forming part of Letters Patent No. 383,822, dated May 29, 1888.

Application filed April 25, 1887. Serial No. 236,031. (No specimens.)

To all whom it may concern:

Be it known that I, GEORGE MUNGER, of East River, in the county of New Haven and State of Connecticut, have invented a new Improvement in Wicks; and I do hereby declare the following, when taken in connection with accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a portion of a wick embodying my invention.

This invention relates to a wick for a burner for heating or illuminating purposes, the object being to avoid the use of a fount or fluid to supply the flame.

To this end the invention consists in a wick composed of a thin strip of wood, the grain being transversely across the wick, combined with one or more lines of stitches running longitudinally of the wick, and the wood saturated with an inflammable material.

I produce the wick by cutting circumferentially around a block of wood, in the usual manner of cutting thin strips or veneer from round wood cylinders, and the strips may, or should be, cut of considerable length. The strips are cut while the wood is green, and are wound or rolled as delivered from the cutting-machine, A representing a portion of such a strip. Then longitudinally through the strip I run one or more series, *a*, of stitches. This may be done with a common sewing-machine,

the stitches serving to prevent the wood from splitting transversely across the strip. Then, after drying, the strip is thoroughly saturated with paraffine or other inflammable material which the wood will absorb. This done, the wick is ready for use.

In use this wick is applied to machine-burners, which are adapted to give to the wick a constant feed. Such burners are well known, and do not require to be illustrated or described.

The wick is specially adapted for heating purposes—as for fire in grates—for cooking purposes, or for the generation of steam. In any case numerous saturated wicks may be employed, according to the amount of heat required.

The wicks made as I have described may be of very great length, and as the combustion is slow such an extent of wick will permit a continuous flame for a very great length of time.

I claim—

The herein-described wick for lighting and heating purposes, consisting of a thin strip of wood the grain of which runs transversely of the wick and having one or more lines of stitches run longitudinally through it, the said wick saturated with an inflammable material and adapted for use substantially as described.

GEO. MUNGER.

Witnesses:

FRED C. EARLE,
J. H. SHUMWAY.