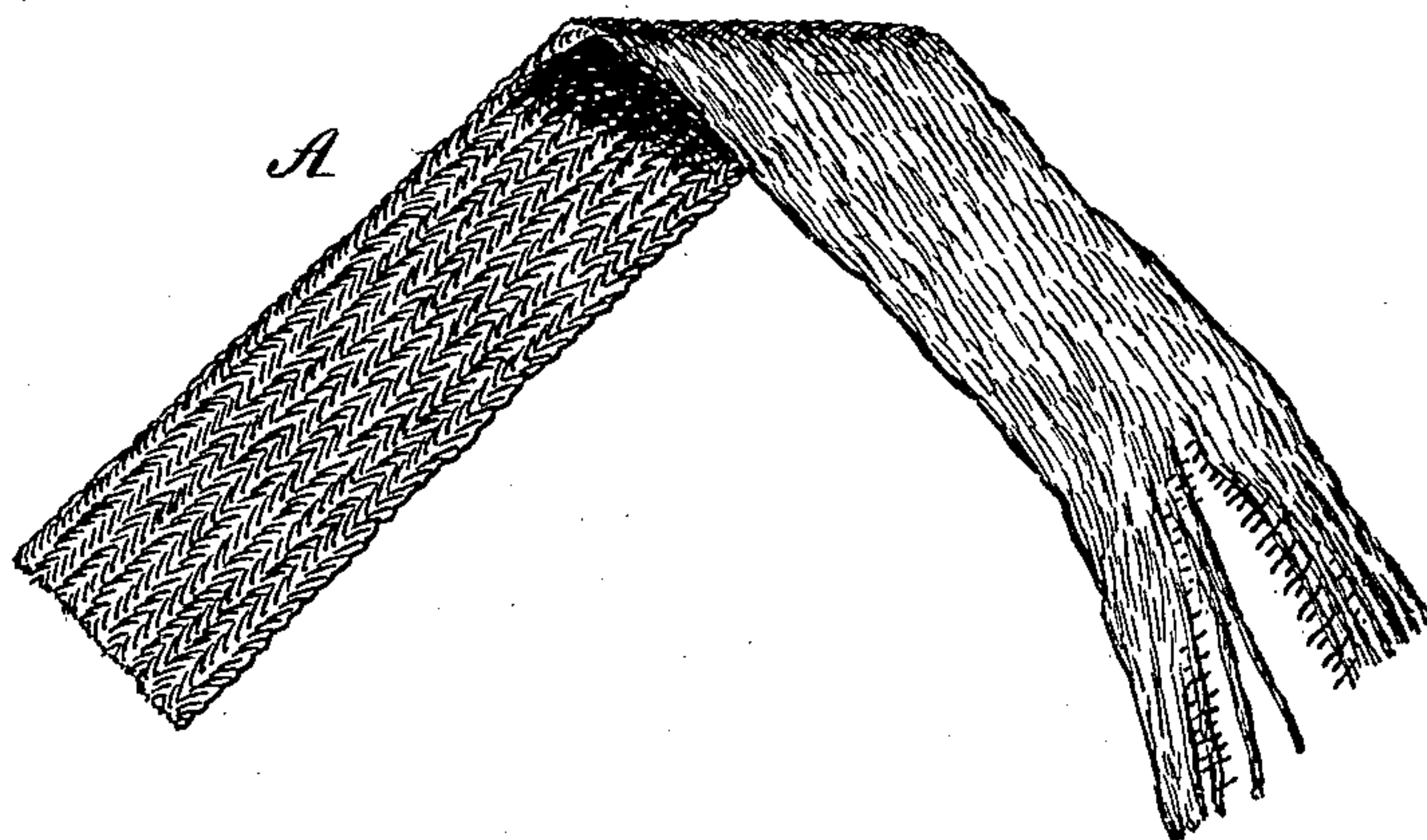


(Model.)

I. LYND.
LAMP WICK.

No. 270,447.

Patented Jan. 9, 1883.



WITNESSES:

Chas. Nida
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UNITED STATES PATENT OFFICE.

IVES LYND, OF TROY, NEW YORK.

LAMP-WICK.

SPECIFICATION forming part of Letters Patent No. 270,447, dated January 9, 1883.

Application filed September 15, 1882. (Model.)

To all whom it may concern:

Be it known that I, IVES LYND, of Troy, in the county of Rensselaer and State of New York, have invented a new and Improved Lamp-Wick, of which the following is a full, clear, and exact description.

The object of my invention is to provide lamp-wicks for burning heavy oils or oils from 150° to 300° gravity.

To that end my invention consists in a lamp-wick having a napped surface on one or both sides, the nap being formed in the warps of the material.

Reference is to be had to the accompanying drawing, forming part of this specification, in which my invention is illustrated by a perspective view of the lamp-wick.

The wick A is woven in the usual manner with selvaged or firm edges. After being woven the material is passed through a nap-machine and a nap raised upon one or both sides. The nap is raised from the warp-thread so that the raised staple or fiber runs lengthwise of the wick, thereby insuring the ready flow of the oil and the free burning of the lamp. This operation also renders the wick soft and pliable, so that it fills the tube of the burner completely, thereby preventing the

flame from passing down the wick-tube into the oil.

This wick is more especially intended for burning heavy oils, which are liable to clog up and crust the ordinary wick; but the wick may be used as well for burning lighter oils.

I am aware that wicks have been made of canton flannel; but in that case the loose portion or nap is formed in the filling and extends at right angles to the length of the wick, so that the easy flow of the oil is prevented. In my wick the nap, being raised from the warps, extends in the direction of the length of the wick, thereby forming a wick of superior character, most effective for the intended purpose.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

A woven lamp-wick having selvaged or firm edges and a nap rising on one or both sides from the warp longitudinally of the wick, whereby the flow of the oil is facilitated and the wick-tube prevented from clogging, crusting, or receiving the flame downwardly, as described.

IVES LYND.

Witnesses:

E. W. GREENMAN,
DANIEL D. MAGUIRE.