

(No Model.)

L. KOSTER.  
CANT HOOK FOR LOGGERS.

No. 428,724.

Patented May 27, 1890.

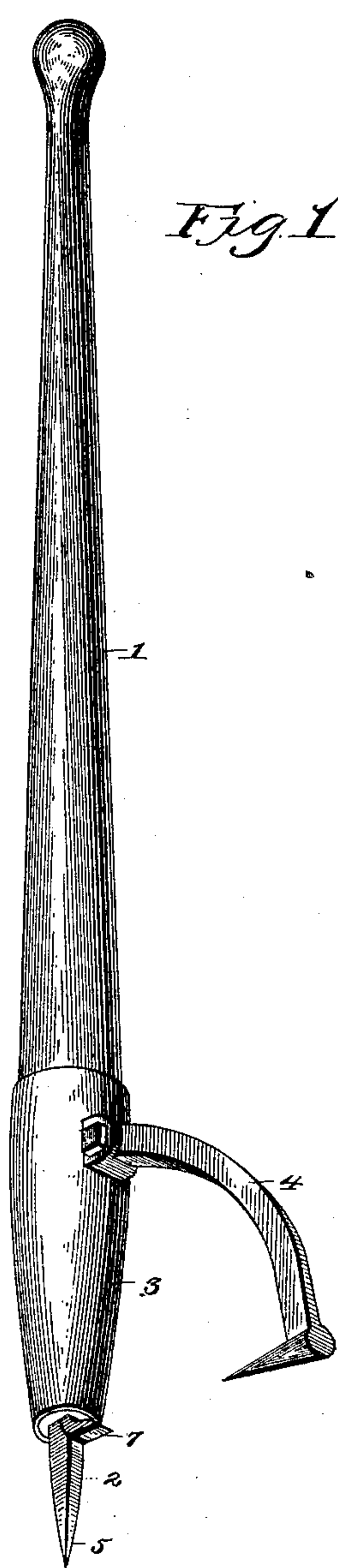


Fig. 1.

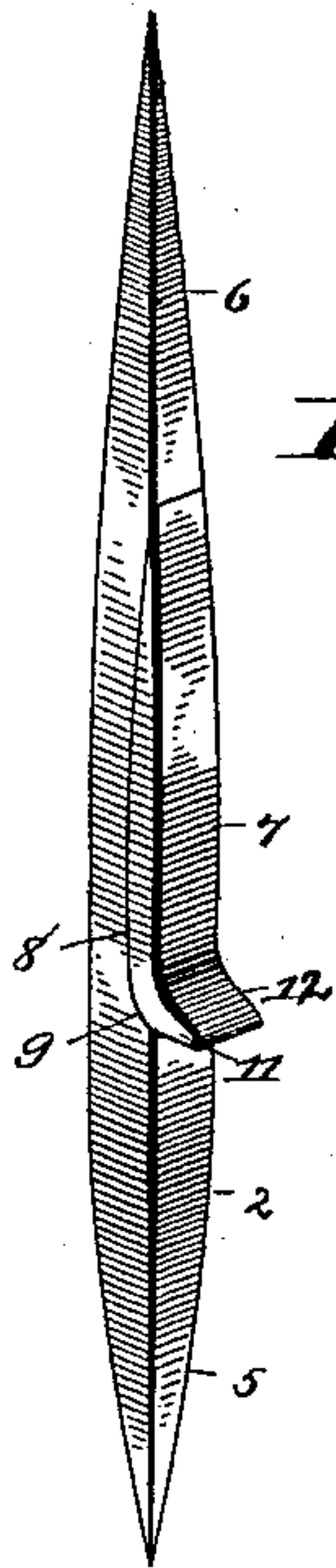


Fig. 2.



Fig. 3.

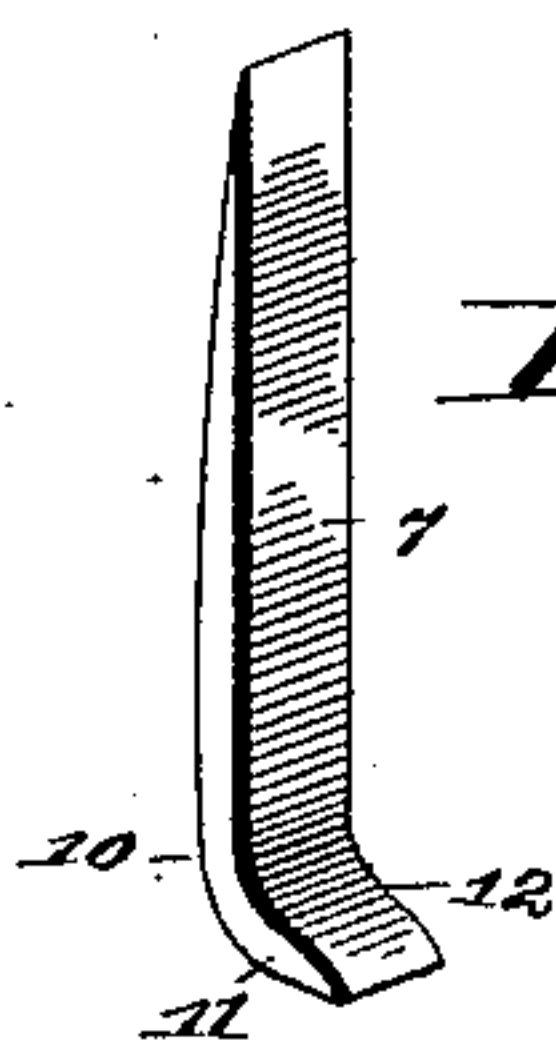


Fig. 4.

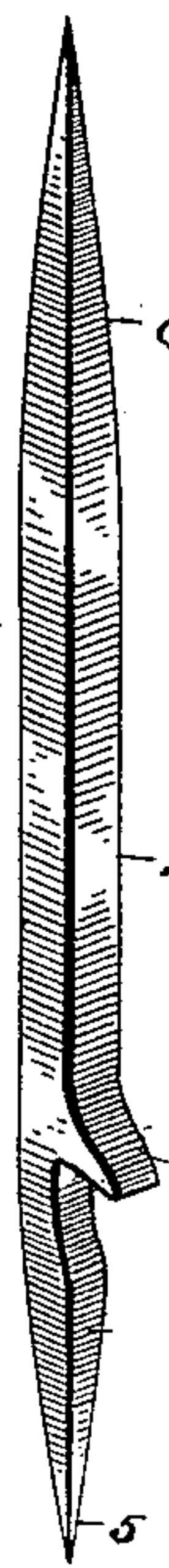


Fig. 5.

Witnesses

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Inventor

# UNITED STATES PATENT OFFICE.

LEWIS KOSTER, OF HARRISVILLE, NEW YORK, ASSIGNOR OF ONE-HALF TO  
RALPH RESSEGNIE, OF SAME PLACE.

## CANT-HOOK FOR LOGGERS.

SPECIFICATION forming part of Letters Patent No. 428,724, dated May 27, 1890.

Application filed September 11, 1889. Serial No. 323,621. (No model.)

*To all whom it may concern:*

Be it known that I, LEWIS KOSTER, a citizen of the United States, residing at Harrisville, in the county of Lewis and State of New York, have invented a new and useful Cant-Hook for Loggers, of which the following is a specification.

This invention has relation to canting-hooks for loggers, and has particular reference to improvements of the spikes thereof.

Among the objects in view are to provide a spike with a lateral spur, whereby the canting-hook as a whole is adapted for logs of varying sizes, and it is especially designed, by reason of the spur, for the turning of small logs or logs of such diminutive diameter as to render turning of the same awkward with the use of the ordinary hook.

A further object of the invention is to locate the spur upon such portion of the hook as to prevent liability of prying the same and its support from the handle, and this is accomplished by locating the spur upon the point or spike in a manner as will be hereinafter referred to, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a cant-hook provided with a spike constructed in accordance with my invention. Fig. 2 is a detail in perspective of the spike detached; Fig. 3, a detail in side elevation of the spike previous to the application of the spur, and Fig. 4 a detail of the spur. Fig. 5 is a modified construction.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents the handle or lever, and 2 the spike, which is inclosed within the handle and bound therein by the ferrule 3, to which is pivoted in the usual manner the canting-hook 4. The spike 2 consists of the tapered point 5 and the opposite end or shank portion 6.

7 represents the spur, which is located upon the spike and intermediate the inner termination of the shank and the taper forming the point.

There are various ways in which the spur may be applied to the point; but I prefer to provide the point with a recess 8 upon one

of its rectangular faces, the lower end of the recess being slightly curved, as at 9, forming a shoulder, and gradually tapered or inclined outwardly and terminating slightly below the shank. The spur 7 is beveled, as at 10, and has a shank 11 bent at right angles thereto, forming a curved shoulder 12, and gradually tapered to the rear to conform substantially to the contour of the recess. The shank of the spur being seated in the recess, the parts are brazed or welded together. The shank of the spike is now inserted in the handle and the ferrule driven to place, and it will thus be seen that the spur is upon the most rigid part of the device, and therefore best adapted to act as the fulcrum of the canting lever or hook.

In the modification illustrated the difference consists in dividing the metal of the stock of the shank to form a projecting portion and bending the projecting portion up from the spike-stock itself, and thus forming the spur integral with the spike. I prefer, however, the former construction for some purposes, as it can be applied to the present form of cant-hooks without throwing away the spikes, as the spur can be simply welded to the spike, as shown. It will be apparent, also, that by having the spur 7 extend laterally and across the lower end of ferrule and in close proximity thereto said spur acts as a stop to the ferrule and prevents it from loosening and coming off.

Having thus described my invention, what I claim is—

1. The combination, with the handle and the pivoted dog or hook, of the spike secured to the lower end of the handle and a spur projecting laterally from the spike and in alignment with the dog, substantially as specified.

2. A cant-hook, a spike having a recess extending from substantially its point of bevel to near the inner end of its shank, and a spur-shank located in the recess and brazed or welded thereto and terminating in a laterally-projecting spur, substantially as specified.

3. A cant-hook having a spike provided with a recess formed in it, the lower end of



which recess is provided with a curved shoulder, the recess gradually diminishing toward its rear end, and a spur-shank conforming to the recess and brazed thereto and terminating at its lower end in a laterally-projecting beveled spur, substantially as specified.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in presence of two witnesses.

LEWIS KOSTER.

Witnesses:

CLARK WEED,  
E. P. LAKE.