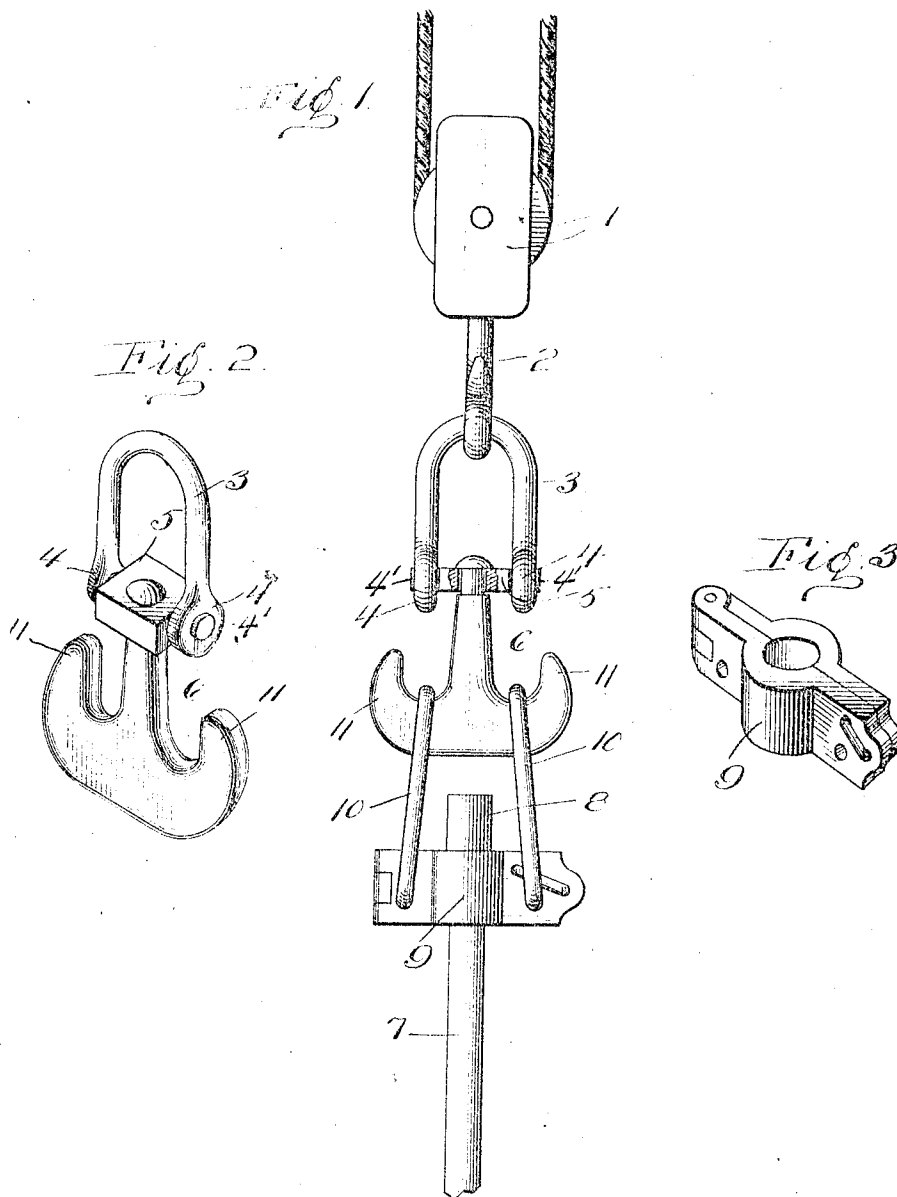


No. 852,285.

PATENTED APR. 30, 1907.

G. F. MURRAY.
CENTER SWIVELING HOOK.
APPLICATION FILED JUNE 8, 1906.



Witnesses
Samuel J. Payne
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by

Inventor
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UNITED STATES PATENT OFFICE.

GEORGE F. MURRAY, OF PITTSBURG, PENNSYLVANIA.

CENTER SWIVELING HOOK.

No. 852,235.

Specification of Letters Patent.

Patented April 30, 1907.

Application filed June 8, 1906. Serial No. 320,889.

To all whom it may concern:

Be it known that I, GEORGE F. MURRAY, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Center Swiveling Hooks, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in center swiveling hooks, and the invention relates more particularly to a hook employed with a block and tackle for removing and elevating casings, tubes, and pipes of oil and Artesian wells.

The invention has for its object to provide a simple and inexpensive hook, which in combination with a suitable clamp and hoisting mechanism, can be effectually used to insure an easy and quick withdrawal of casing from a well.

With the above object in view and others which will presently appear, as the invention is better understood, the invention consists in the novel construction, combination and arrangement of parts to be hereinafter described, illustrated and specifically pointed out in the appended claims.

Referring to the drawing forming part of this specification, like numerals of reference designate corresponding parts throughout the several views, of the drawing, in which:

Figure 1, is a front elevation of the hook as connected to a block and tackle, and a clamp, Fig. 2, is a perspective view of the hook, and Fig. 3, is a similar view of a conventional form of clamp.

In the accompanying drawing, I have illustrated a movable sheave 1 of a tackle block, said sheave having a depending hook 2, to which my improved center swiveling hook is connected.

The hook embodies a stirrup 3, the ends of which are formed with eyes 4, which receive pins 4' carried at opposite sides of a head 5. Revolvably mounted centrally of said head is a depending anchor-shaped member 6, said

member serving functionally as a double hook. The shank of the anchor-shaped member is reduced at its upper end and journaled in the head, and within the extreme upper end upset to form a head as shown, thus holding the anchor-shaped member against vertical movement independent of the other parts but allowing its free rotative movement.

In order that the manner in which my improved hook is used may be fully understood, I have illustrated the upper end of a casing 7 as having a collar 8. Suitably secured upon the casing 7 beneath said collar is a conventional form of clamp 9 having links 10 adapted to engage over the hook portions 11 of the member 6.

The principle of a swivel is well understood, and it is thought that when embodied in a hook of the above described character, that the advantageous features of the same will be apparent to those skilled in the art of using the hook.

I preferably construct the hook of strong and durable material and it can be made of various sizes, according to the work to be performed by said hook.

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

The combination with a tackle-block having a hook, and a clamp having swinging links, of a swivel hook comprising a stirrup for engagement with the hook of the tackle-block, and having eyes in its ends, a head provided at opposite sides with pins trunnioned in the eyes of said stirrup, and a depending anchor-shaped member, having a reduced portion swiveled in said head, the hook portions of said member receiving the links carried by said clamp.

In testimony whereof I affix my signature in the presence of two witnesses:

GEORGE F. MURRAY.

Witnesses:

THOS. F. RONEY,
HENRY C. EVERT.