

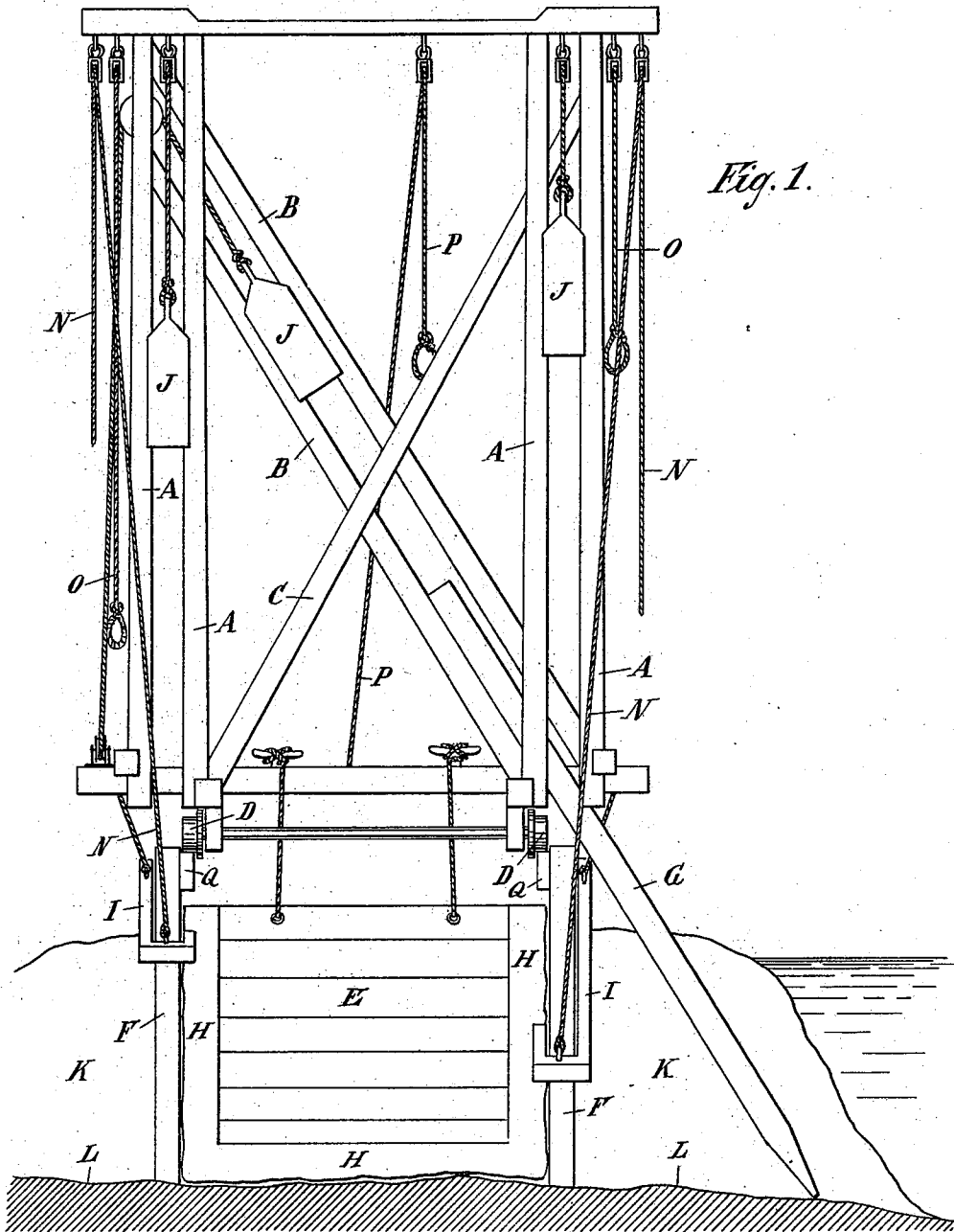
(No Model.)

2 Sheets—Sheet 1.

W. BAPTIST.
TRIPLE PILE DRIVER.

No. 510,873.

Patented Dec. 12, 1893.



WITNESSES:

Henry Grabau
Martin Emmert.

INVENTOR

William Baptist.

by W. S. Stringfellow
ATTORNEY

UNITED STATES PATENT OFFICE.

WILLIAM BAPTIST, OF NEW ORLEANS, LOUISIANA.

TRIPLE-PILE DRIVER.

SPECIFICATION forming part of Letters Patent No. 510,873, dated December 12, 1893.

Application filed March 31, 1893. Serial No. 468,465. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BAPTIST, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Triple-Pile Drivers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in a triple pile driver and its novelty will be fully understood when taken in connection with the annexed drawings and specification, and the objects of my invention are to construct a pile driver for closing crevasses, driving heavy piles or sheet piling in rapid running streams, and enabling one, two or three piles to be driven at one operation. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front view. Fig. 2 is a side view.

Similar letters refer to similar parts throughout both views.

In the drawings A are upright pieces of timber, and are so constructed as to form guides for weights J to travel up and down.

B are two diagonal guides for the weight J driving the brace pile, and acting as brace of pile driver.

C is a brace.

D are wheels of truck of pile driver, and which enable same to move back and forth on track Q.

E is a gate which is adjusted in such a manner as to swing loosely upon a cross frame piece attached to frame or track Q, the ends H of said gate being padded or covered with rubber or other plastic material to prevent water from washing out filling or soil deposited between rows of piles.

F show piles driven.

G is a brace pile which is placed on an incline and which can be used where it is necessary to form a brace, and is driven by means of a weight J shown in Fig. 1.

M is a brace.

N is a rope for operating guide I, and enabling pile to be held in position against

pressure of water when placing pile in position for driving.

O is a rope for pulling up a pile for driving.

P is the rope for pulling up the brace pile G.

K is the levee.

L is the bed or washout of levee.

The mode of operation is as follows: The wheels D of truck are placed upon Q, which rests upon the top of embankment or levee, which forms the cage or shore of a running stream, and the pile driver run out upon the truck, and sheet or other desired piling driven as shown as F in Fig. 2, the piling being driven on each side of the track Q, thus forming two rows of pile, with pile G to form a brace. As the piles are driven and the track Q is extended farther across the running stream, I am enabled to place between the rows of piles a sufficient amount of soil and other filling to form an embankment, and by means of door E, the soil is prevented from washing out. The arms I may be used on each side of track Q, and in running water is of great advantage in handling a pile, holding same in proper position against pressure of water and is easily operated by means of rope N.

Where desired three piles may be driven at one operation, or if preferable one or two may be driven at once, as necessity may require, or sheet or heavy piling may be driven at the same time.

A striking advantage of my device is the economical construction of same, and enabling three piles to be driven at one operation in running water.

Having described my invention and the manner in which the same is or may be operated, I would say in conclusion that I do not limit myself to the precise details shown in illustration, as the same may be varied to some extent, but

What I claim, and desire to secure by Letters Patent, is—

1. In a pile driver, the combination of the piles and means for driving them, with the door hung between two of the said piles and provided with a padding, substantially as and for the purpose set forth.

2. In a pile driver, the combination of the

5 piles and means for driving them, with the door loosely hung between two of the piles, and the ends H secured to the door, and provided with padding, substantially as and for the purpose set forth.

3. In a piledriver the vertical weight guides A, the weight guide B extending diagonally across the vertical guides, and means for operating the weights, combined with the piles,

and the door hung below and between two of the said piles and provided with padding, substantially as and for the purpose set forth. 10

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

WILLIAM BAPTIST.

Witnesses:

M. I. JAYES,

D. N. FRISBIE.