

No. 621,345.

Patented Mar. 21, 1899.

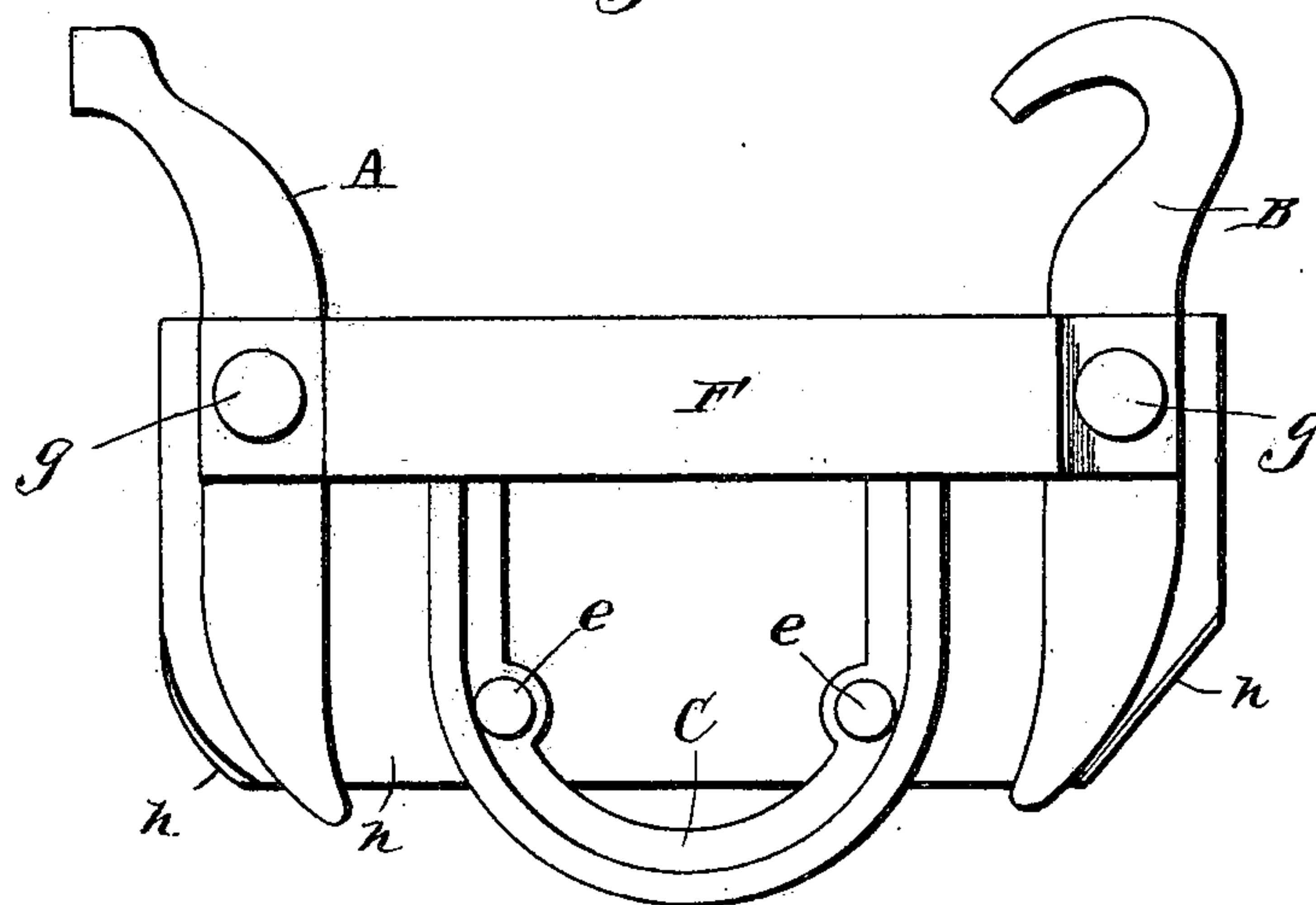
R. JONSRUD.  
CABLE GRIP.

(Application filed Mar. 16, 1898.)

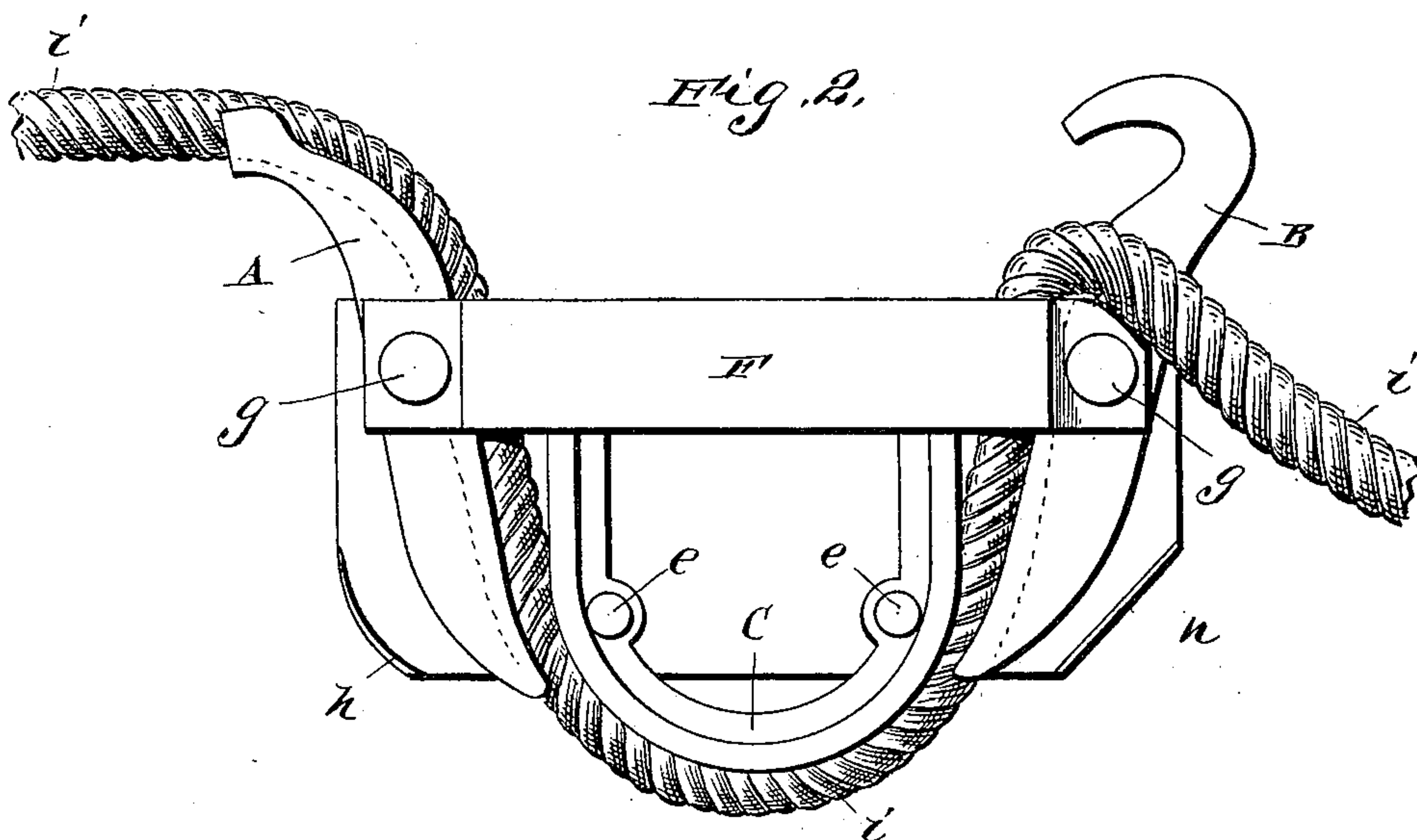
(No Model.)

2 Sheets—Sheet 1.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
John Bushelm  
Edw. F. Brune

Inventor:  
Robert Jonrud.

No. 621,345.

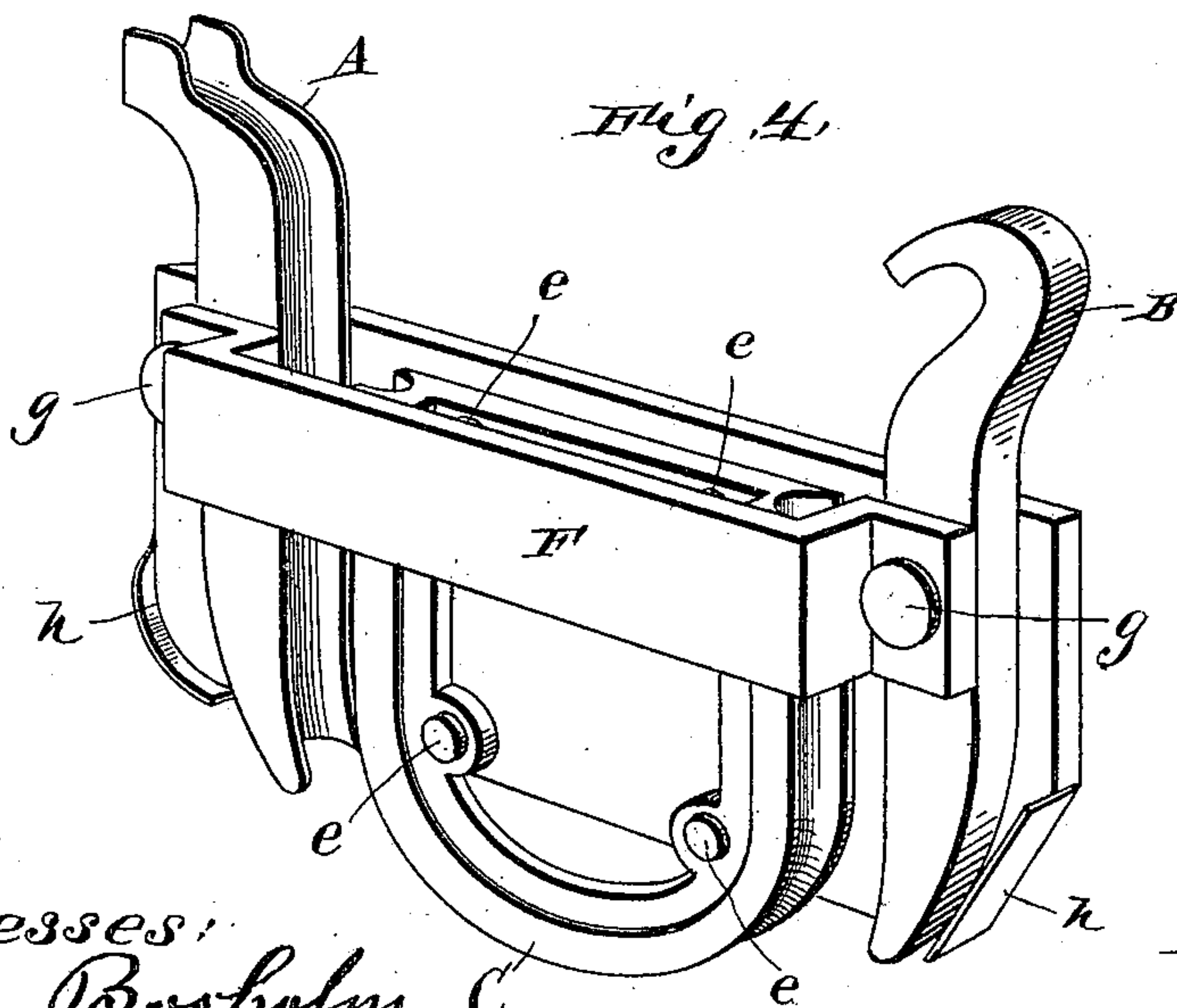
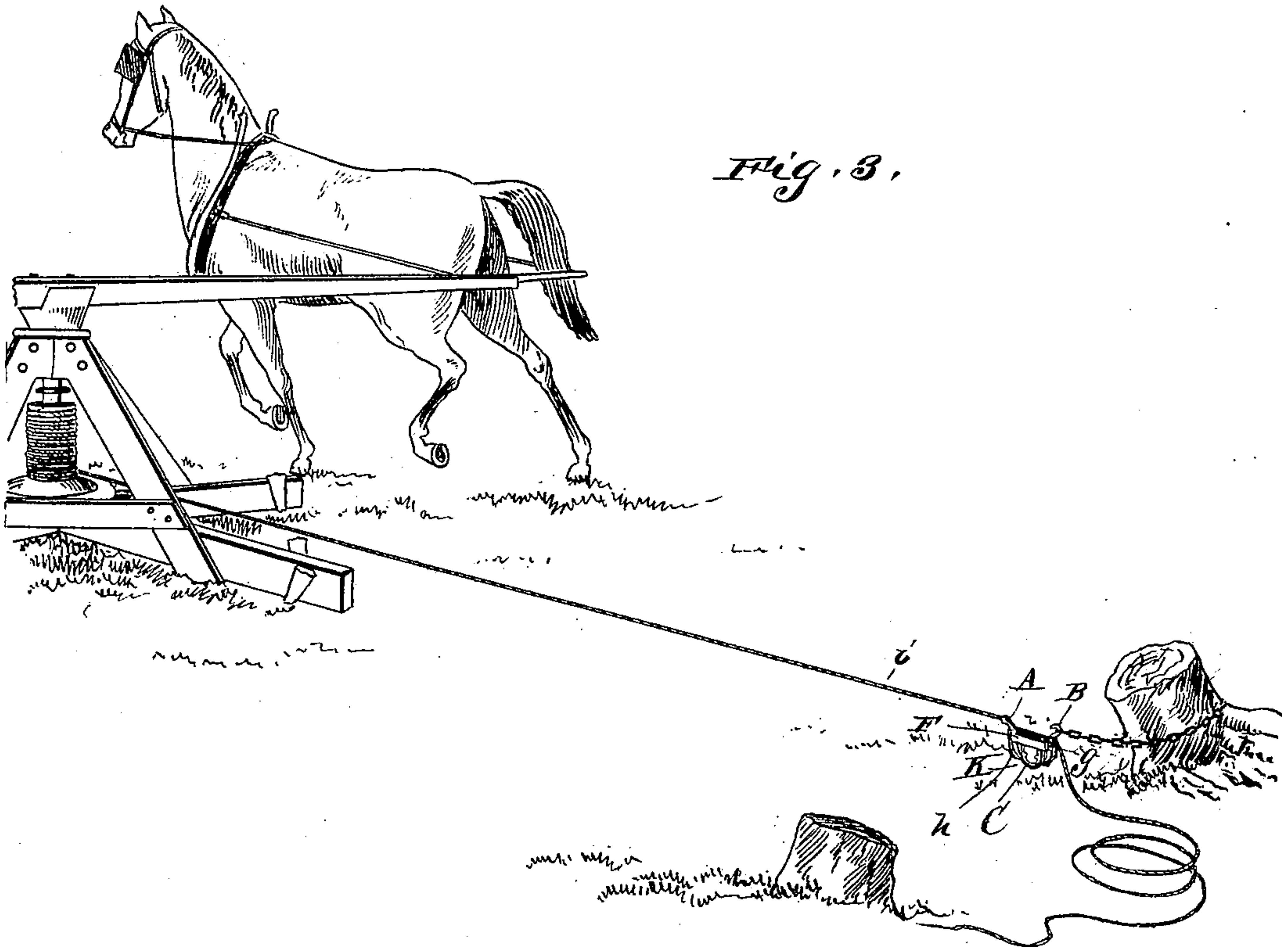
Patented Mar. 21, 1899.

R. JONSRUD.  
CABLE GRIP.

(Application filed Mar. 16, 1898.)

(No Model.)

2 Sheets—Sheet 2.



Witnesses:  
John Bookholm  
Edw. T. Bruns

Inventor:  
Robert Jonrud.



# UNITED STATES PATENT OFFICE.

ROBERT JONSRUD, OF SANDY, OREGON.

## CABLE-GRIP.

SPECIFICATION forming part of Letters Patent No. 621,345, dated March 21, 1899.

Application filed March 16, 1898. Serial No. 674,125. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT JONSRUD, a citizen of the United States, residing at Sandy, Clackamas county, State of Oregon, have invented a new and useful Cable-Grip, of which the following is a specification.

My invention relates to a cable-grip in which a grooved rim in the center and grooved levers on the outside, the latter working on fulcrum, hold the cable tight without slipping, flattening, or injuring the cable, both rim and levers being grooved. It is evident that the size of the grip shall correspond with the size of cable used. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my cable-grip. Fig. 2 is a similar view showing it applied to a cable. Fig. 3 is a perspective view illustrating the application of the device to stump-pulling machines. Fig. 4 is a perspective view of the cable-grip detached.

Letter A is a lever grooved from end to end, with flanges on upper end to hold cable in place.

Letter B is a lever grooved with hook on upper end to attach to chain on stump, log, or anything to be moved, as shown in Fig. 3, of which letter *h* is the grip.

C is the grooved rim, fastened to bed-plate D with rivets *e e e e*.

F is the top bar, with offset, leaving room for cable to pass under it and over grooved rim to its place when grip is open, as shown in Fig. 1. Said bar F is, with the fulcrum-bolts *g g*, fastened to bed-plate. *h h* are

raised edges of bed-plate, acting as lever-stops, preventing levers from opening too far, rendering the putting on of cable difficult.

Letters I I show the cable in position on the grip.

It is now evident that the "grip" can be put on the cable without moving any bolts or parts of the machine and will not wedge or tighten in pulling, but always loose when cable is slacked. It is put on the cable wherever desired by simply bending the cable, letting the loop pass under the top bar F and over grooved rim C, and then it is set and will stay without slipping or injury to cable in pulling.

Fig. 3 shows when drum in capstan is full with cable the cable can be unwound therefrom and the grip moved on the cable for any distance desired.

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

A cable-grip comprising a bed-plate, a grooved rim, rigidly secured thereto; a grooved lever pivoted to the base-plate at one side of said rim, a second grooved lever pivoted to the base-plate at the opposite side of said rim and having a hook formed at one end, a top bar extending across the rim and attached at its opposite ends to the pivots of the levers, and stops adapted to limit the swing of said levers, substantially as shown and described.

ROBERT JONSRUD.

In presence of—

J. H. REVENNE,

P. A. REVENNE.