

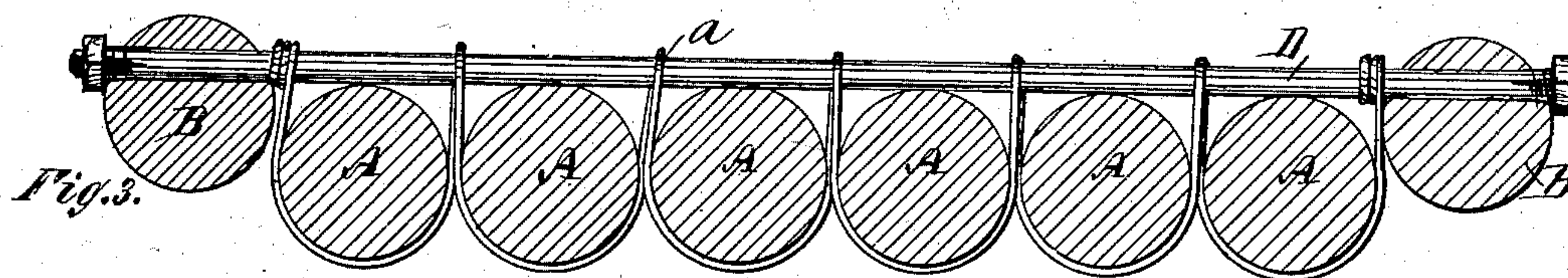
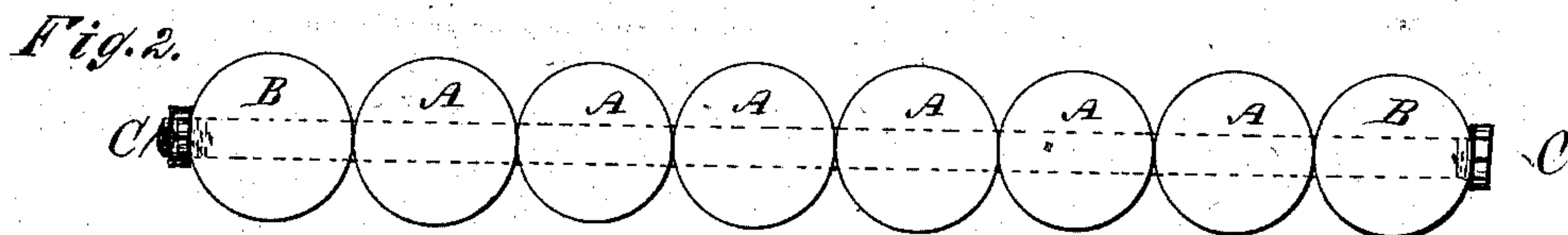
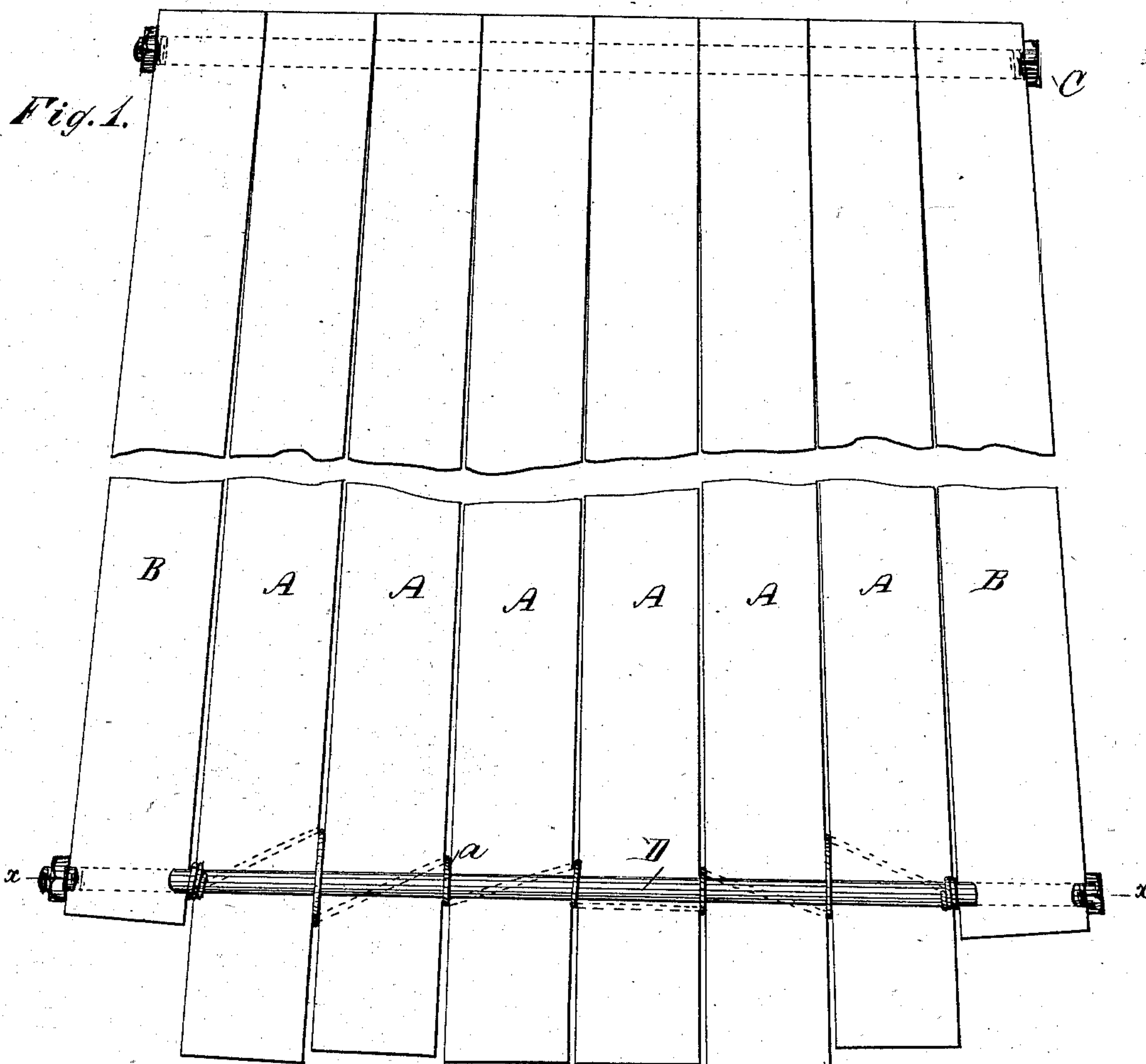
(No Model.)

R. E. TERRY.

TIMBER RAFT.

No. 255,048.

Patented Mar. 14, 1882.



WITNESSES:

Theo. G. Hostetler
C. Deagwick

INVENTOR:

R. E. Terry
BY *Mumford*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT E. TERRY, OF BAY MINETTE, ALABAMA.

TIMBER-RAFT.

SPECIFICATION forming part of Letters Patent No. 255,648, dated March 14, 1882.

Application filed July 28, 1881. (No model.)

To all whom it may concern:

Be it known that I, ROBERT E. TERRY, of Bay Minette, in the county of Baldwin and State of Alabama, have invented a new and
5 Improved Method of and Apparatus for Log-Coupling for Timber-Rafts, of which the following is a specification.

My invention consists of means whereby a
10 gang of logs may be easily and effectively bound together into a raft for running down rapid streams and rivers.

In the accompanying drawings, Figure 1 illustrates my method of tying logs into rafts. Fig. 2 is an end view of the raft, and Fig. 3 is a section on *xx* of Fig. 1.
15

Similar letters of reference indicate corresponding parts.

The center logs, A A, and the outside logs, B B, are each to be bored through near one
20 end for the passage of the iron rod C, which may be of any desired length, and which may be provided at the ends with nuts or similar means for holding the side logs upon the rod. The forward ends of the outside logs, B B, are
25 then bored, as shown clearly in Fig. 3 of the drawings, for the passage of the rod D, which may also have nuts or similar means for binding the logs. This rod D, when in place, passes over the rear ends of the logs A A, as shown
30 in Fig. 1, and when this rod is thus placed in the outside logs, B B, and over the center logs, A A, I next proceed to bind the logs A A to it, preferably by means of the wire or small metal rod *a*, one end of which I first secure to
35 the rod D and then wrap the wire or rod around

each log and over the rod D, as shown in Figs. 1 and 3, and finally secure the other end to the rod D, as shown in these figures.

A raft of logs formed in this manner binds all of the logs firmly together, obviating all
40 danger of the loss of any of the logs, and the method is easily carried out, and is not expensive, as the rods and wire are not subject to wear, and may be used a very long time.

I am aware that bed-slats have been connected by rods passing through them all; also
45 that the logs of a raft have had bolts passed through each end of all, and been connected by metallic strips or bars secured to the top and bottom of each end; also that staples have been
50 driven into the logs and a connecting-bar passed through them; but none have ever, to my knowledge, passed a rod through the two outside logs and connected the intermediate logs with the rod by wire loops.
55

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

A raft of logs bound together by the rods C and D and the tie-rods or wire *a*, the rod C
60 passing through all of the logs of the raft near the ends of the logs, the rod D passing through the outside logs and over the center logs, the center logs being tied to the rod D by the rod or wire *a*, substantially as and for the purposes set forth.
65

ROBERT EMMETT TERRY.

Witnesses:

C. H. HALL,
R. P. CAIN.