

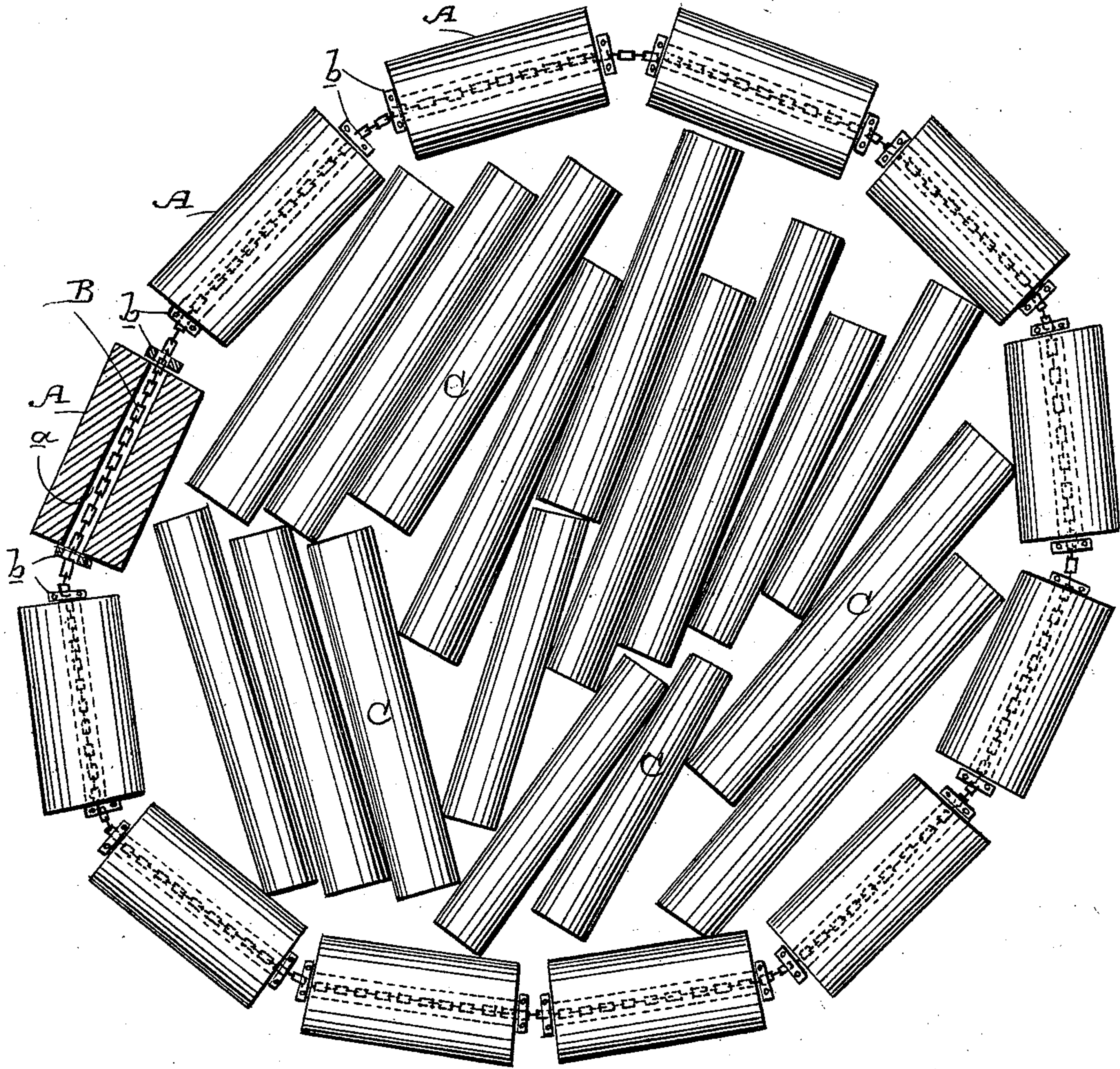
(No Model.)

W. F. STEVENS.

BOOM FOR HOLDING AND TOWING LOGS OR TIMBERS.

No. 525,122.

Patented Aug. 28, 1894.



Witnesses,
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UNITED STATES PATENT OFFICE.

WESLEY F. STEVENS, OF SAN FRANCISCO, CALIFORNIA.

BOOM FOR HOLDING AND TOWING LOGS OR TIMBERS.

SPECIFICATION forming part of Letters Patent No. 525,122, dated August 28, 1894.

Application filed November 16, 1891. Serial No. 412,091. (No model.)

To all whom it may concern:

Be it known that I, WESLEY F. STEVENS, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Booms for Holding and Towing Logs or Timbers; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to the class of devices for holding and towing floating logs and timbers.

It consists in a boom constructed as herein-after described and claimed.

The object of my invention is to provide a simple and effective device for holding well together a mass of logs or timbers and towing them to their destination.

Referring to the accompanying drawing for a more complete explanation of my invention,—the figure is a plan of my boom.

The boom consists of the logs or timbers A, and the chain or cable B. The former are connected by the chain or cable into an endless series, forming a band or ring, adapted to fully encircle and confine the mass of logs or timbers to be held together and towed. This connection while it may be made in any suitable manner necessary to hold the boom logs close together, is preferably made as follows:—Each log or timber A is longitudinally bored as shown at *a*, and the chain or cable passes through these bores, thus uniting the logs or timbers in a continuous series, and the ends of the chain or cable being connected, the series is an endless one and the boom is ring shaped. Upon the chain or cable at each end of the logs or timbers A, are the stops *b* consisting of any suitable plates, lugs, cross pins, or other fixed pieces too large to

pass through the bores *a*. They are fitted and secured to the chain or cable after the logs A are in place, and their purpose is to hold the logs or timbers A on the chain or cable even if the latter should break, and thus prevent their loss. These stops as shown in the drawing are formed of two plates embracing the chain between them, and secured thereon at any desired point by means of bolts passing through their ends. By loosening the bolts, the stop-forming plates may be adjusted nearer to or farther from each other, and thus space the logs apart any desired distance.

C represents the mass of logs or timbers to be held together and transported. They are wholly confined within the endless boom which encircles them as shown. The towing hawser is to be attached to the boom at any convenient point.

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

The herein described boom consisting in a series of short longitudinally bored logs A, an endless chain extending through said bores, and a pair of transversely extending external stops *b b*, on the chain between the adjacent ends of every pair of logs; the said stops being adjustable on the chain crossing the bores of the logs and spacing the logs apart, substantially as herein described.

In witness whereof I have hereunto set my hand.

WESLEY F. STEVENS.

Witnesses:

J. S. KIMBALL,
F. W. WELLES.