

(No Model.)

W. H. POLLEYS.

SPIKED SKID.

No. 338,872.

Patented Mar. 30, 1886.

Fig. 1.

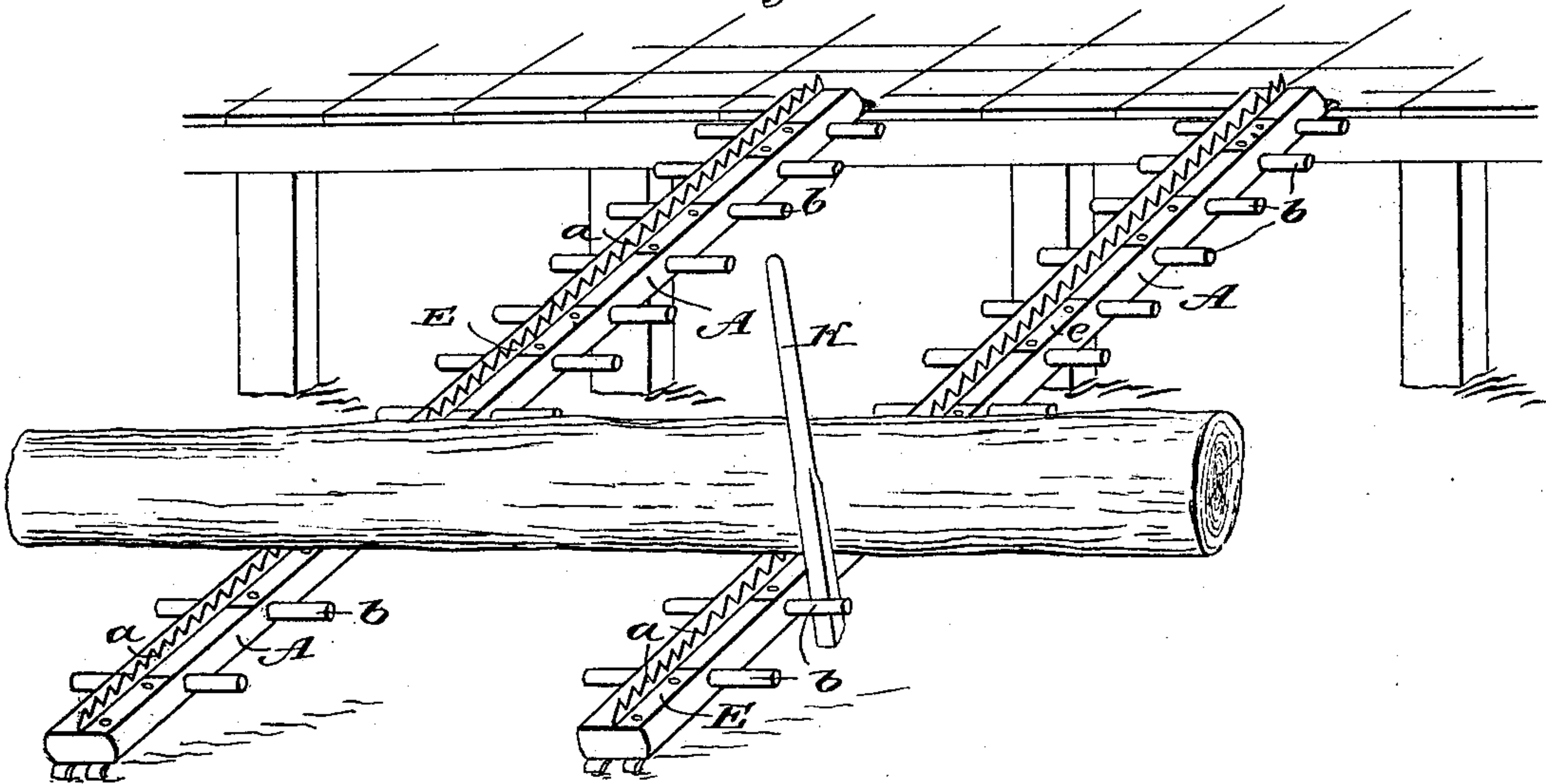


Fig. 2.

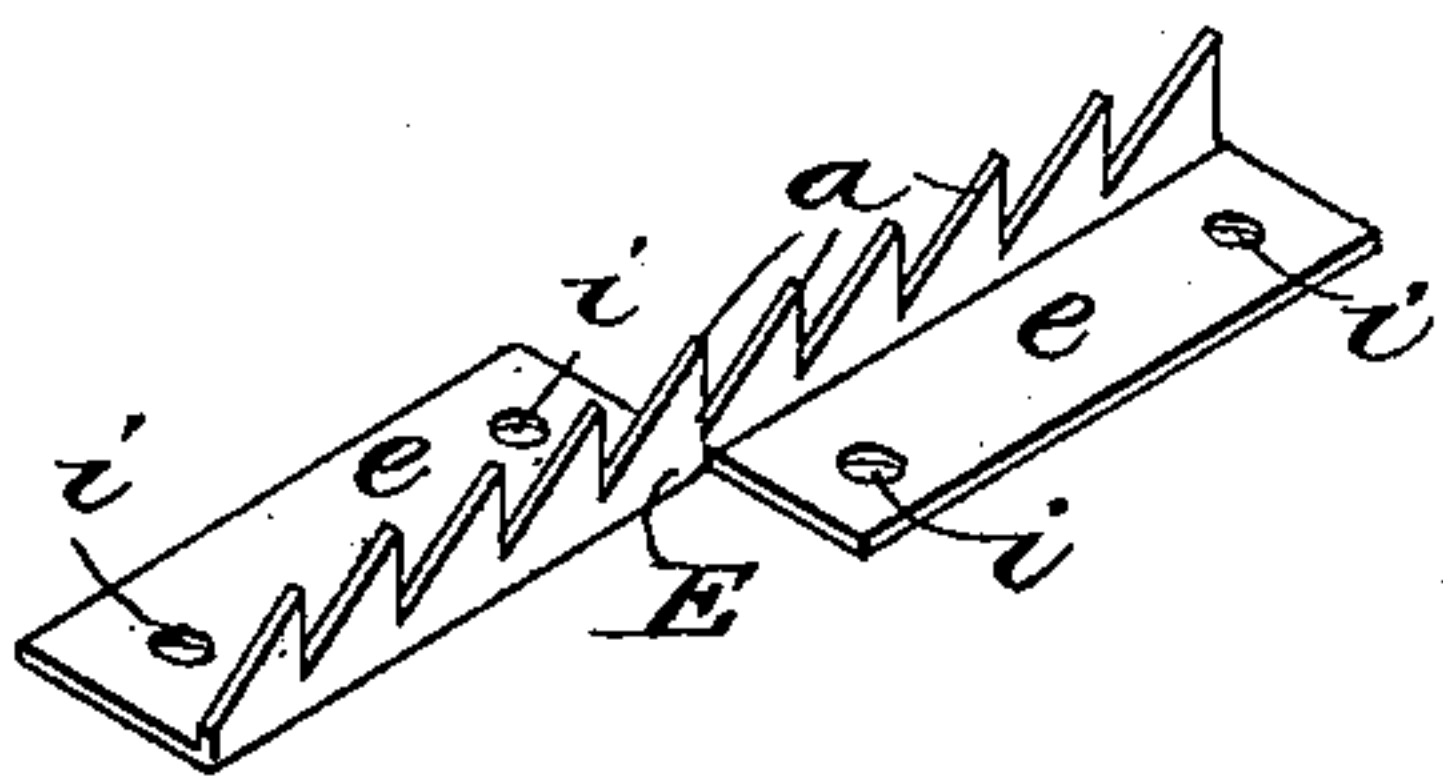
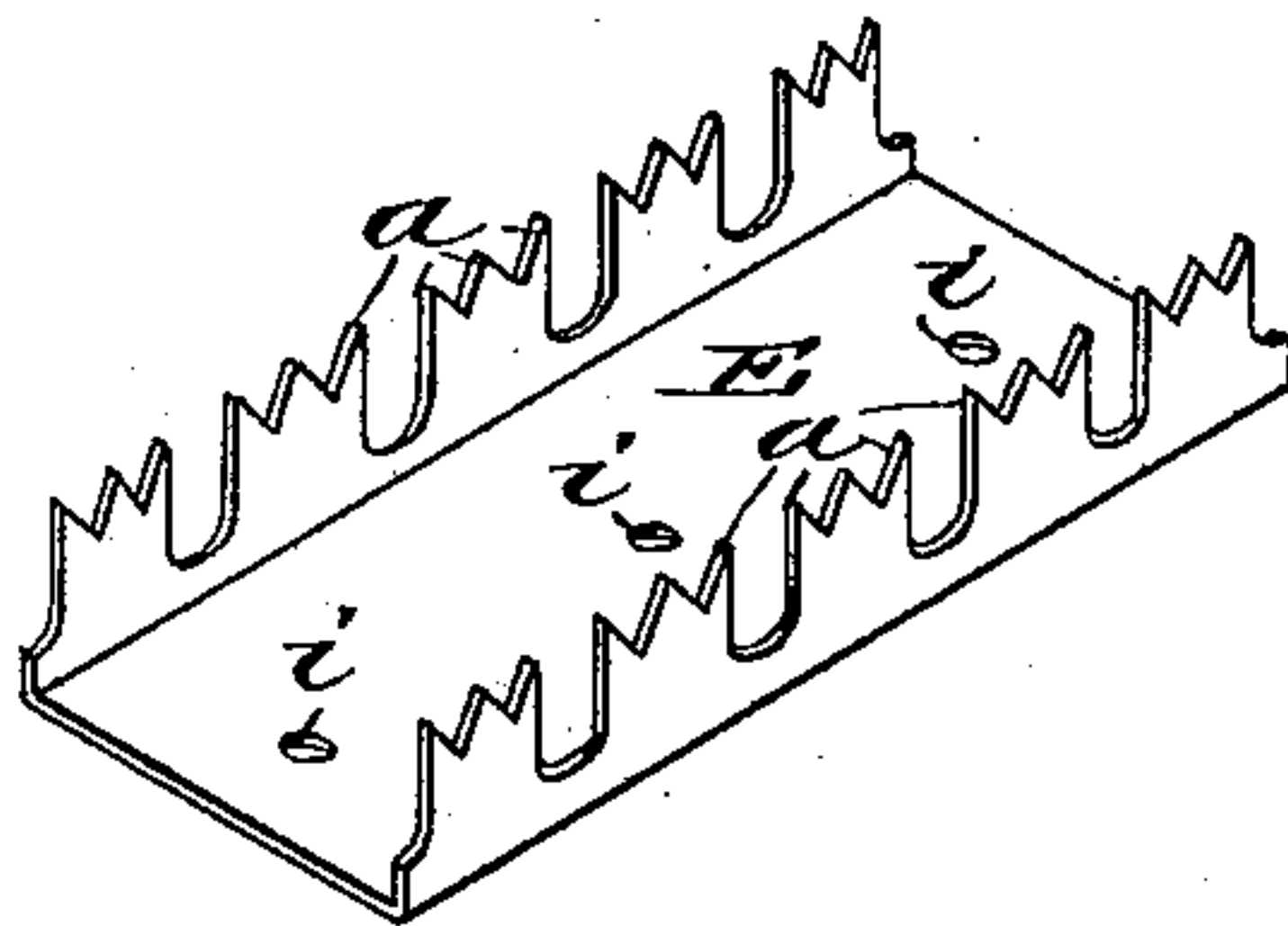


Fig. 3.



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SPIKED SKID.

SPECIFICATION forming part of Letters Patent No. 338,872, dated March 30, 1886.

Application filed November 21, 1885. Serial No. 183,510. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. POLLEYS, of Melrose, in the county of Jackson and State of Wisconsin, have invented a new and Improved Spiked Skid, of which the following is a full, clear, and exact description.

My invention relates to the construction of that form of skid used for handling logs and heavy timber, the object of the invention being to provide a skid upon which the logs will not slip or readily roll backward, and by the use of which the logs may be easily moved to the place required.

To the above-named ends the invention consists of a skid provided with one or more ridges or rows of saw-tooth-like projections upon its upper surface, and with a series or system of horizontal pins, which serve as fulcrums for the handspikes by which the logs are moved. Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of two of my improved skids in position for use. Fig. 2 is a detail view of one form of saw-toothed ridge, and Fig. 3 is a view of a plate formed with two rows of teeth.

In the construction shown in Fig. 1, A represents an ordinary form of timber-skid, to the upper surface of which I secure a number of iron or steel plates, E, such as are shown at Figs. 2 and 3, said plates being formed with upwardly-projecting teeth *a a*, which are in the form of saw-teeth. A number of holes are bored transversely through the body of the skid, and in these holes I fix metal or wooden pins *b b*.

In the construction shown in Fig. 2 the plates E are partially cut through at their longitudinal center, and the flaps *e e* on each side of the cut bent outward at right angles to the teeth *a a*, but so as to project from opposite sides of said teeth, as is clearly shown. The flaps *e e* are formed with apertures *i i*, through which the spikes or screws employed to secure the plates to the skid-timber are inserted.

In Fig. 3 the plate E is formed with two upwardly-projecting ridges, formed with teeth *a a*, the form of teeth being arbitrarily selected, as any form of tooth would not answer the purpose.

In operation the teeth *a a* keep the logs from slipping on the skid, and the pins *b b* act in turn as fulcrums for the handspike K, employed to hold or roll the logs.

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

1. A skid provided with teeth *a a*, substantially as described, and for the purpose specified.

2. The combination, with a skid, substantially as described, of plates E, formed with teeth *a a*, substantially as described.

3. A skid provided with pins *b b*, substantially as described, and for the purpose specified.

4. The combination, with a skid provided with pins *b b*, of plates E E, formed with teeth *a a*, substantially as described.

WILLIAM H. POLLEYS.

Witnesses:

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