O. H. SMITH.

LOGGING-DOG.

No. 175,629. Patented April 4, 1876.

Fig. 1.

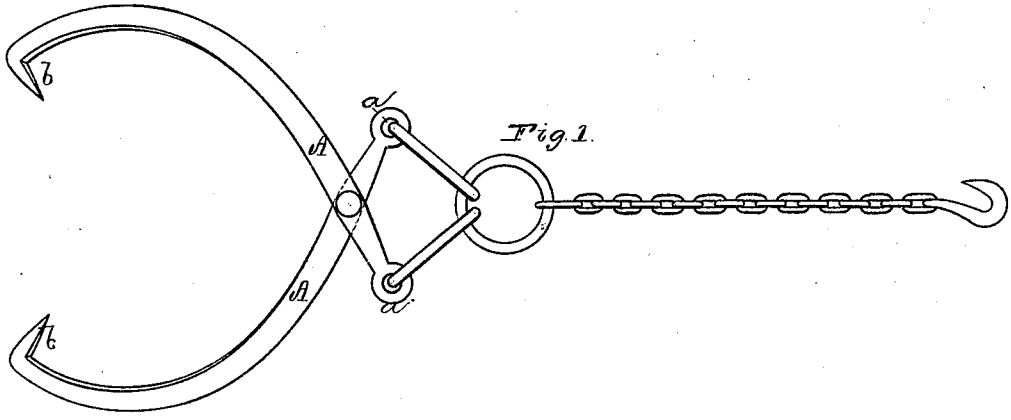
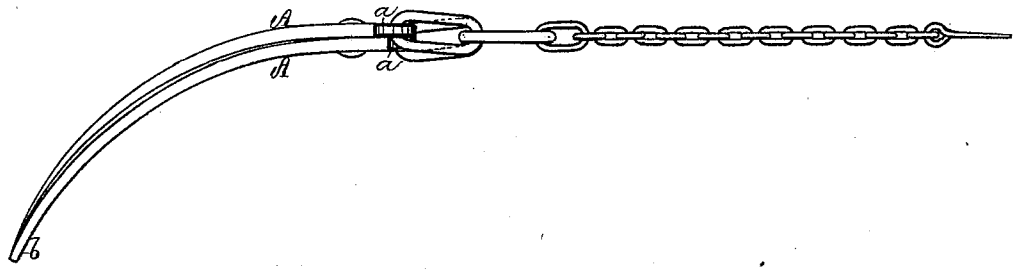


Fig. 2.



Witnesses.

S. W. Piper.

L. W. Miller

Otis H. Smith.

by his attorney

R. H. Eddy

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

OTIS H. SMITH, OF WATERVILLE, MAINE.

IMPROVEMENT IN LOGGING-DOGS.

Specification forming part of Letters Patent No. **175,629**, dated April 4, 1876; application filed March 20, 1876.

To all whom it may concern:

Be it known that I, OTIS H. SMITH, of Waterville, of the county of Kennebec and State of Maine, have invented a new and useful Improvement in Logging-Dogs; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 an edge elevation, of a pair of logging-dogs of my improved kind.

In carrying out my invention I curve in two directions, as shown, each of the hooked or spurred arms of the pair of dogs.

In the drawings the two dogs A A are represented as two levers crossing one another, and pivoted together at the crossing, the shorter arms of the dogs terminating in two eyes, *a a*, and the longer ones in two spurs, *b b*, all being arranged as shown. Each longer arm from end to end not only curves in one direction, as shown in Fig. 1, but also in another, as represented in Fig. 2, such being in order that it may lie upon and conform to the surface of a log, and its spur obtain and maintain a better hold thereof than would be the case were the arm bent or bowed in one direction only, or be straight, as heretofore made, practice having fully demonstrated the great advantage of my invention.

I claim—

As a new or improved manufacture, logging-dogs made substantially as described, viz., with each spurred arm curved in two directions, essentially as set forth.

OTIS H. SMITH.

Witnesses:
R. H. EDDY,
J. R. SNOW.