

F. Van Doren,

Shingling Bracket,

No 84,595,

Patented Dec. 1, 1868.

Fig. 1.

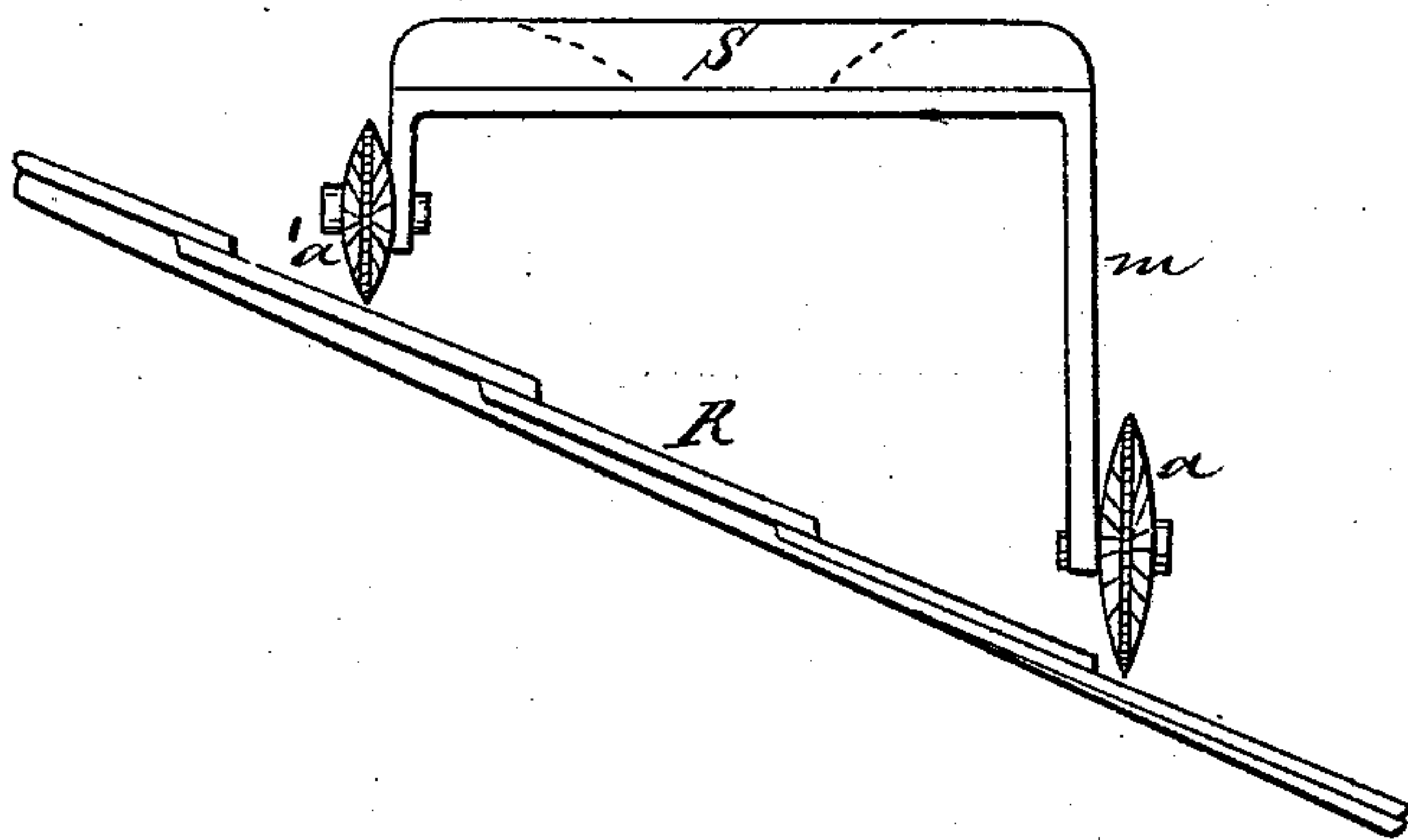
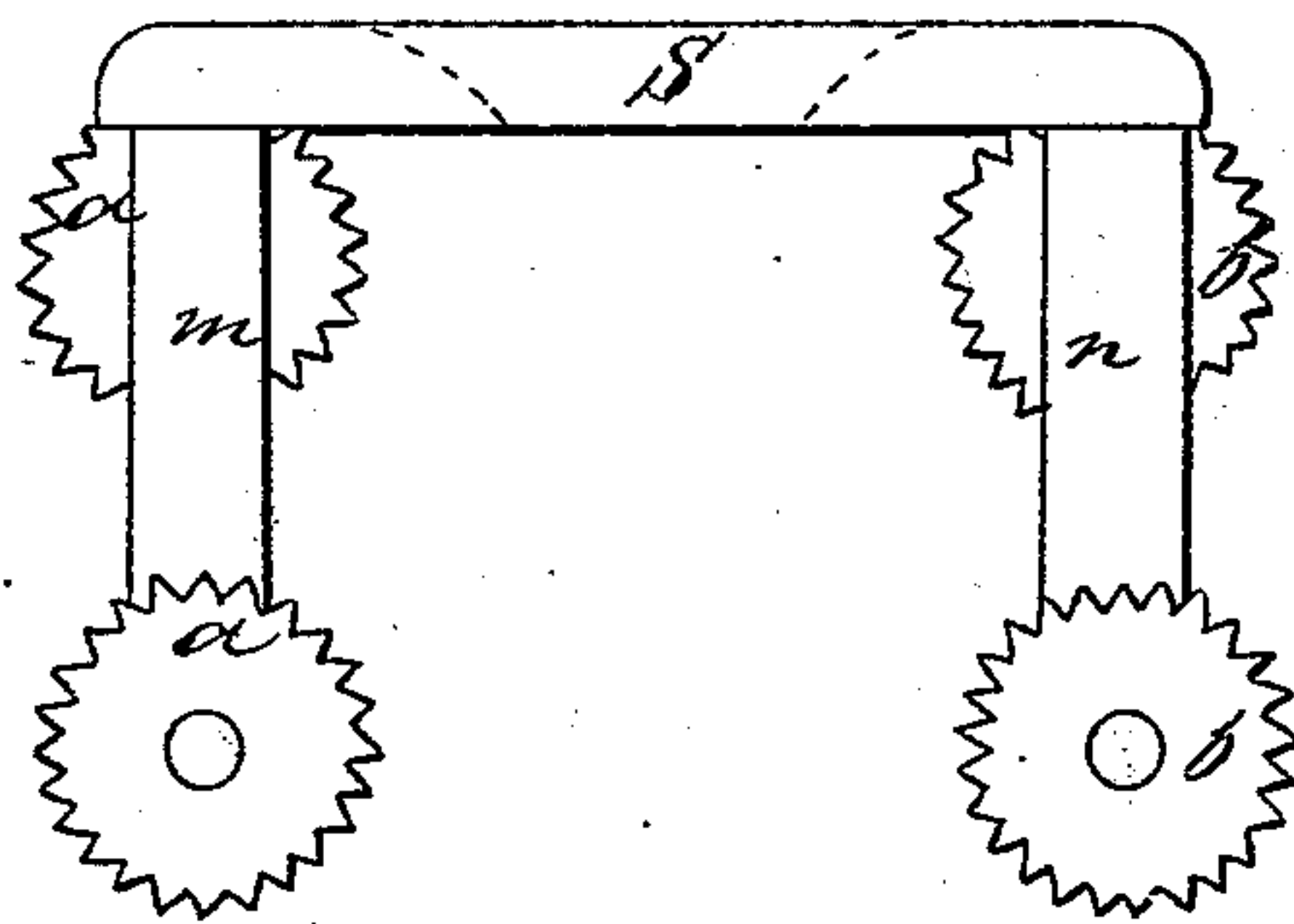


Fig. 2.



Witnesses

Wm. H. Brereton for

M. B. Denning

Inventor

F. Van Doren

By Knight & Co

attys



FRANCIS VAN DOREN, OF ADRIAN, MICHIGAN.

Letters Patent No. 84,595, dated December 1, 1868.

IMPROVED SHINGLE-STOOL.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, FRANCIS VAN DOREN, of Adrian, in the county of Lenawee, and State of Michigan, have invented a new and useful Improvement in "Shingle-Stools;" and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

Like letters refer to similar parts.

The nature of my invention consists in the novel construction of a wheeled stool, to sit upon while laying shingles upon a roof.

Figure 1, of the drawings, represents such a stool, when placed upon the roof R, and viewed in the line of the rows of shingles.

Figure 2 represents a view taken in the direction of a horizontal line.

a b and *a' b'* represent four sharp-edged toothed

wheels, turning upon pivots attached to the straps *m* and *n*. These straps are formed or bent in the shape represented in fig. 1, the one side being longer than the other, so as to allow the seat S to sit about level upon ordinary roofs.

The wheels *a b* and *a' b'* have sharp teeth upon the edges, to prevent them from slipping upon the roof.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the seat S, the metallic bars *m n*, bent to form legs of unequal length, and the four serrated wheels, *a a' b b'*, all constructed, arranged, and employed in the manner and for the purpose herein specified.

FRANCIS VAN DOREN.

Witnesses:

MARY MCNAIR,
JAMES CLARK.