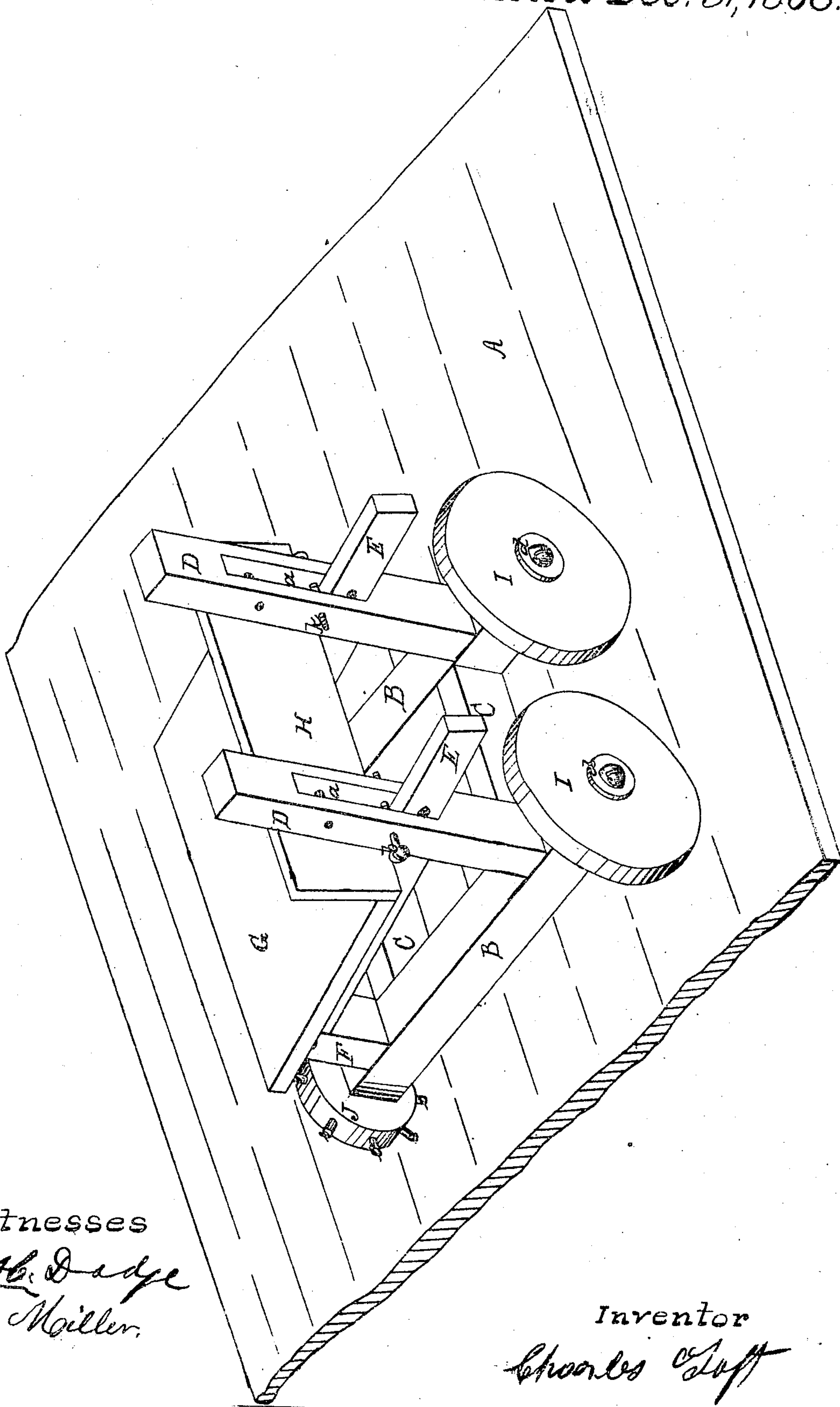


C. Taft.

Shingle-Carriage.

N<sup>o</sup> 72762

Patented Dec. 31, 1868.



Witnesses

Thos H. Dodge  
D L Miller.

Inventor

Charles Taft

# United States Patent Office.

CHARLES TAFT, OF NORTHBRIDGE, MASSACHUSETTS.

*Letters Patent No. 72,762, dated December 31, 1867.*

## IMPROVED SHINGLE-CARRIAGE.

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

### KNOW ALL MEN BY THESE PRESENTS:

That I, CHARLES TAFT, of Northbridge, in the county of Worcester, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Shingle-Carriages, to be used in shingling roofs of buildings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

The drawing represents in perspective my improved shingle-carriage as it appears when arranged upon the roof of a building.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

In the drawings, the part marked A represents a section of one side of a roof, which has been boarded preparatory to being shingled. B B are the side pieces, and C C are the end pieces, which form the base of the shingle-frame. From the front ends of the pieces B B rise the pieces D D, having slots *a a* to receive the ends of the pieces E E, the rear ends of which are hinged to short pieces, which rise up from the rear ends of the side pieces B B, one of the short upright pieces F only being shown in the drawings. Upon the top of the pieces E E is fastened the table G, to the front edge of which is fastened the guard-board H. The upright pieces D D have holes to receive pins *b b*. The front ends of the hinged pieces E E are also provided with a series of holes bored in such relative positions as to come opposite holes in the pieces D D, as the pieces E E are raised and lowered. The front of the carriage is supported by wheels I I, the journals *c c* of which are supported in the ends of the pieces B B. The rear of the carriage is supported by two wheels smaller than the front wheels. Only one of these wheels J is shown in the drawings. The small wheels J are supported on journals similar to those which support the front wheels. These journals may be wood-screws or bolts screwed into the ends of the pieces B B, washers *d d* being placed under the heads of the screws or bolts. The back wheels J J are filled on their peripheries with metal points *e e*.

The operation is as follows: The carriage is placed upon the boarded roof, and the table G adjusted to the proper level, when a bunch of shingles is laid upon the same, from which they are taken by the workman as they are required. As the operation of shingling proceeds, the carriage, with the shingles thereon, is pushed along upon the roof in advance of the workman. The guard-board H prevents the shingles sliding off in front. The points *e* in the wheels J prevent the carriage from sliding down, and also guide the carriage straight across the roof of the building after it is once properly adjusted in line.

By the use of my improved carriage, a workman can perform a much greater amount of work in the same length of time than he can when the shingles are laid upon a stationary staging, which is the common mode in use. Again, when the shingles are laid or thrown down upon a stationary staging, they are liable to be scattered about, blown off, or split by the workman stepping upon them. All these objections are obviated by the use of my improved carriage, since the shingles do not have to be separated when they are laid upon the table G, and by laying a stick or block on the top of the shingles, they are prevented from being blown off even by very strong winds.

Having described my shingle-carriage, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. A shingle-carriage, to facilitate the shingling of roofs of buildings, constructed substantially as shown and described.
2. The combination, with the hinged arms or pieces E E, of the table G, guard-board H, and pins *b b*, substantially as and for the purposes set forth.

CHARLES TAFT.

Witnesses:

THOS. H. DODGE,  
D. L. MILLER.