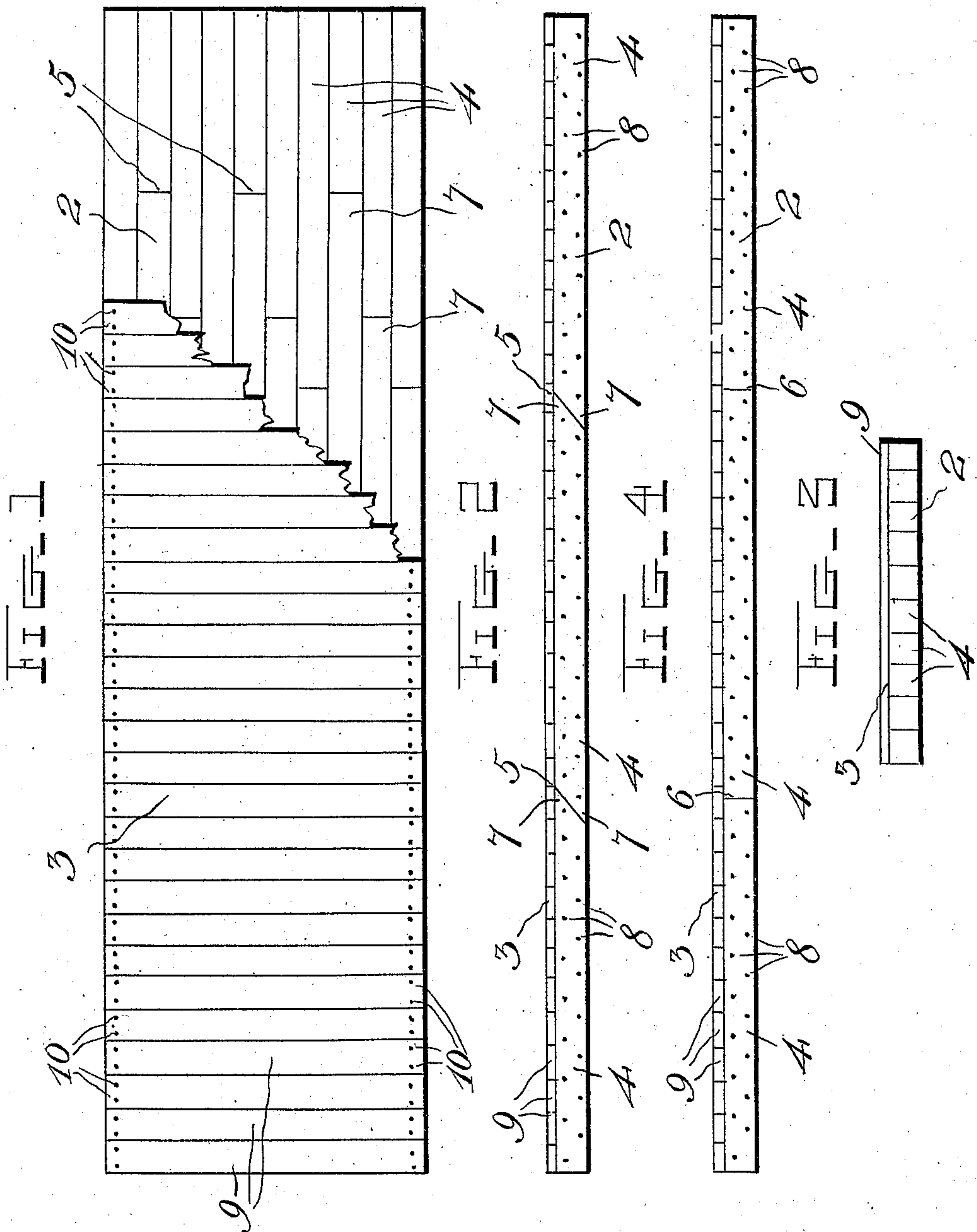


No. 815,249.

PATENTED MAR. 13, 1906.

M. F. AMOROUS.  
CAR FLOOR AND FLOOR FRAME.  
APPLICATION FILED NOV. 6, 1905.



Witnesses  
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# UNITED STATES PATENT OFFICE.

MARTIN F. AMOROUS, OF ATLANTA, GEORGIA.

## CAR-FLOOR AND FLOOR-FRAME.

No. 815,249.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed November 6, 1905. Serial No. 286,146.

*To all whom it may concern:*

Be it known that I, MARTIN F. AMOROUS, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Car-Floors and Floor-Frames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in floors or platforms for freight, passenger, and other railway or street cars.

The object of the invention is to provide a simple, strong, and durable floor, which may be composed of boards or timber of various sizes and lengths, so that it may be produced at a comparatively small cost.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter more fully described and claimed.

In the accompanying drawings, Figure 1 is a plan view of a portion of a car floor or platform constructed in accordance with my invention, a portion of the same being broken away to more clearly illustrate the construction. Fig. 2 is a side elevation of the same. Fig. 3 is an elevation, and Fig. 4 is a side elevation, showing a slightly-modified form of the invention.

In the practice of my invention I eliminate the use of framework and sills and make the flooring of a lower or base portion 2, which, if desired, may be covered by an upper portion or layer 3. The lower or base portion 2 is formed of short pieces of framing-timber 4 of the same or of different lengths and sizes, placed so that they break joints, as shown at 5. The abutting ends of these pieces of lumber or timber may have right-angular ends 6, as shown in Fig. 4 of the drawings, or overlapping angularly-disposed ends 7, as

shown in Fig. 2, and they may be secured together by screws, nails, bolts or any other suitable fastening means 8. The timbers 4 are preferably arranged so that they extend longitudinally, as shown. When the top portion or layer 3 is used, it is in the form of a covering composed of boards 9, placed transversely upon the top of the base or body portion 2, so that they are parallel with their edges in contact. They may be secured by nails, screws, or any other suitable fastening means 10, as shown, or in any other manner.

A floor constructed in this manner will be exceedingly strong and durable, and owing to the fact that the base portion 4 may be constructed of short lengths or pieces of lumber it may be produced at a comparatively small cost. The provision of the base portion 4 dispenses with the use of sills and other framework and at the same time renders the flooring exceedingly strong and durable.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention.

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

The car-floor and floor-frame comprising a lower base portion consisting of a series of longitudinal pieces of lumber arranged parallel and in contact with each other and so as to break joints, fastening means extending through said pieces of lumber and securing the same together, and a layer of flooring-boards disposed transversely on the upper side of said portion and secured thereto.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

MARTIN F. AMOROUS.

Witnesses:

C. E. HURST,

J. F. WEISSINGER.