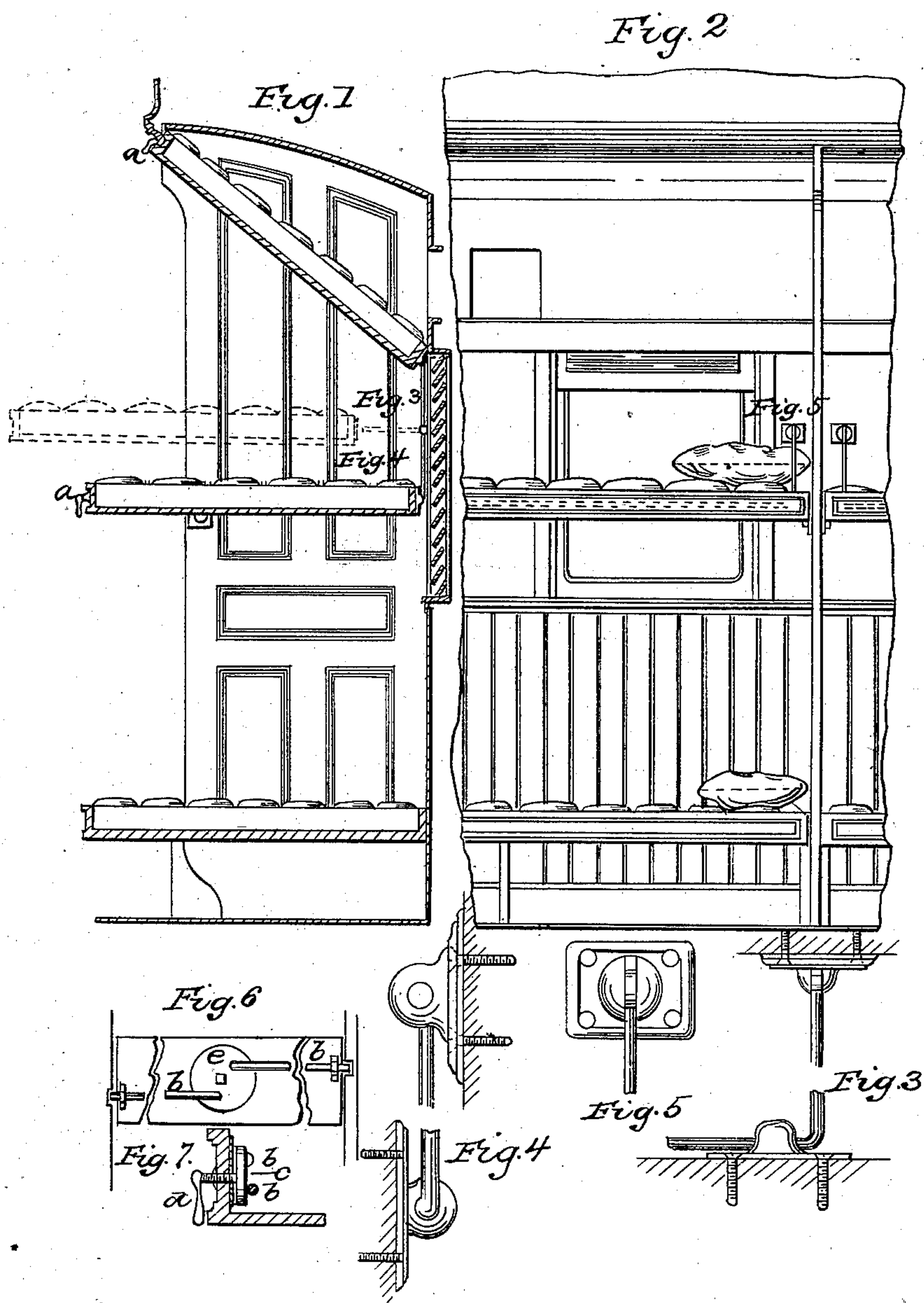


E. H. PAINE.

Suspending Upper Berth in Sleeping Cars.

No. 98,792.

Patented Jan'y 11, 1870.



Witnesses
W. H. Dwyer
J. H. Lemont

Inventor
E. H. Paine

United States Patent Office.

ENOCH H. PAINE, OF LOUISVILLE, KENTUCKY.

Letters Patent No. 98,792, dated January 11, 1870.

IMPROVEMENT IN SUSPENDING UPPER BERTH IN SLEEPING-CARS.

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, ENOCH H. PAINE, of Louisville, in the county of Jefferson, and State of Kentucky, have invented a new and improved Mode of Suspending the Upper Berth in Sleeping-Cars, and of fastening or securing the same in its position when not in use as a berth; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents, by a transverse vertical section, a portion of a car to which my invention is applied.

Figure 2, a view of a berth and swinging hinge, as seen from the aisle or passage-way in the car, to which my invention is applicable.

The kind of berth upon which my invention is designed to be used, is hung or suspended, by a swinging hinge, from the side of the car, so that it can be elevated into position where it is out of the way during the day time, and can be brought down, when desired for use as a bed, to a position that will properly divide the space between the lower berth and the roof of the car.

My invention consists in a fastening for this kind of berth, consisting of two bolts *b b*, attached to the inner side of the front edge of the berth, and worked by

means of an eccentric *c*, and lever *d*, which, at any turn, will throw both the bolts into the partitions, and thus fasten the berth in its position, when it is desired to put it out of the way during the day time.

This berth-fastening has the advantages of being quickly arranged, and is secure, the lever being always in sight of the conductor, and operating as a correct indicator as to whether the bolts are fully extended, and the berth securely fastened.

In the accompanying drawings, the berth is represented in the two different positions that it occupies, the dotted lines being intended to show the position of the berth while in transit between the two positions where it is to rest.

I do not claim as new, an upper berth in a sleeping-car; but

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

The combination of the bolts *b b*, working with a lever, *a*, and eccentric *c*, forming together a fastening applied to sleeping-berths, as shown, and for the purposes described.

ENOCH H. PAINE.

Witnesses:

J. B. VAN DYNE,
S. M. LEMONT.