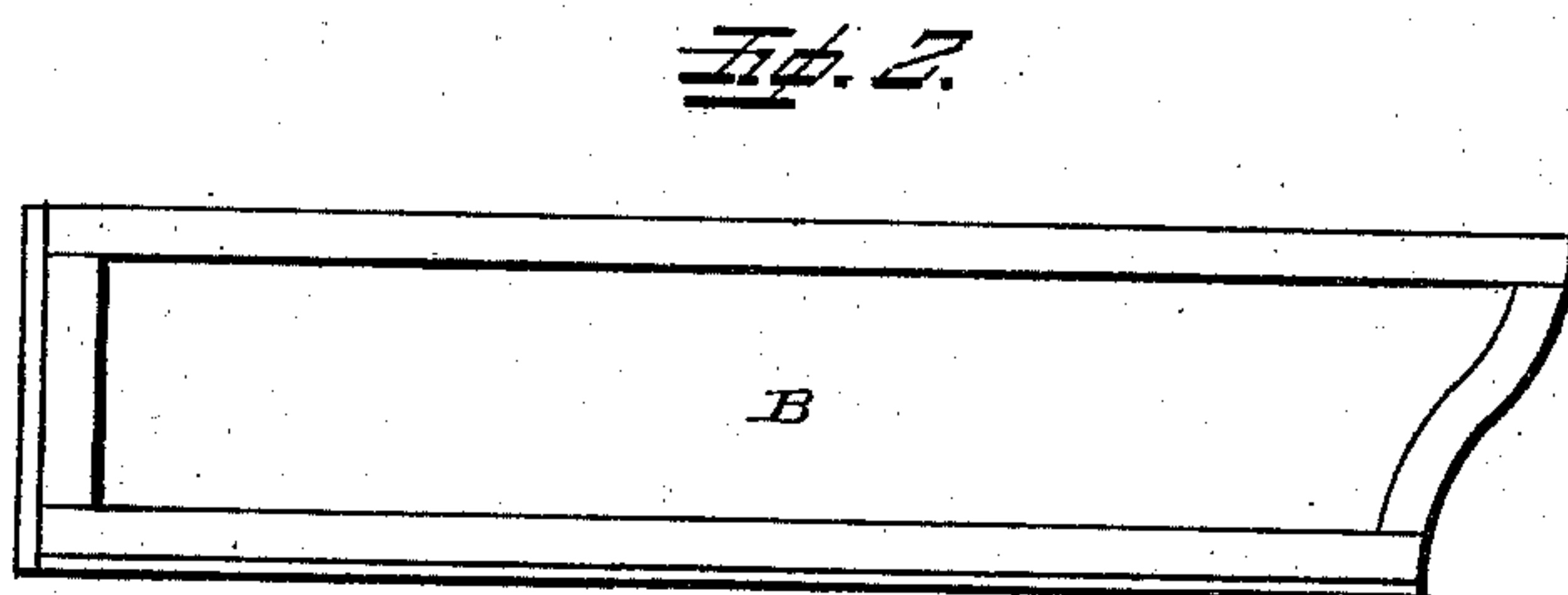
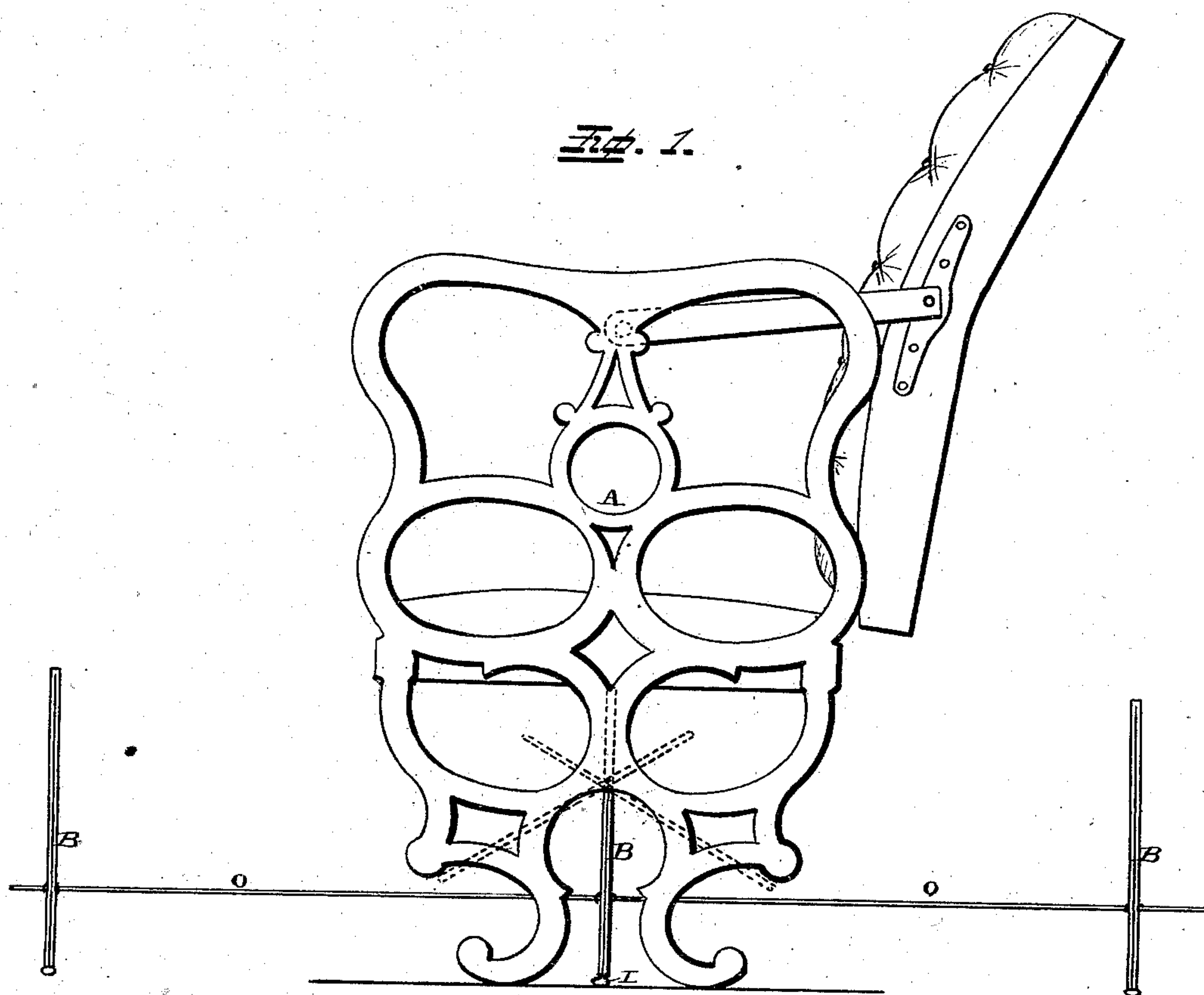


(No Model.)

I. M. VAN WAGNER  
CAR SEAT ATTACHMENT.

No. 258,167.

Patented May 16, 1882.



WITNESSES.

Witnesses.  
William W. Mortimer  
William L. Kern

*Inventor*

Isaac M. Van Wagner  
per  
J. A. Lehmann,  
att'y



# UNITED STATES PATENT OFFICE.

ISAAC M. VAN WAGNER, OF NYACK, NEW YORK, ASSIGNOR OF ONE-THIRD  
TO CHARLES N. WHITE, OF SAME PLACE.

## CAR-SEAT ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 258,167, dated May 16, 1882.

Application filed March 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ISAAC M. VAN WAGNER, of Nyack, in the county of Rockland and State of New York, have invented certain new and useful Improvements in Attachments for Car-Seats; and I do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in attachments for car-seats; and it consists in hinging, pivoting, or securing under each car-seat a partition which can be lowered in the winter, so as to prevent drafts of air from passing around the feet, and which can be raised in summer for the purpose of allowing the air to freely circulate, or while a person is sweeping out the car, as will be more fully described hereinafter.

The object of my invention is to provide a partition which is to be placed under the center of the seats in the car, and which will reach from the seat down to the floor and form a comparatively air-tight joint therewith for the purpose of checking currents or drafts of cold air which pass through the car, and which are particularly disagreeable to the passengers.

Figure 1 is an end view of my invention. Fig. 2 is a side view of the partition.

A represents an ordinary car-seat, which may be of any shape, size, or construction which may be preferred. Hinged, pivoted, or secured in any suitable manner under the center of this seat is the partition B, which may either be of the shape shown in Fig. 2 or any other that may be preferred. This partition will be made of some rigid material, and which will be just wide enough to extend from the under side of the seat down to the floor and form a tight joint therewith for the purpose of preventing currents of air from passing around the passengers' limbs and feet, and causing the currents to follow the aisle. This partition will have its outer end shaped so as to correspond to the shape of the casting of the outer end of the seat, while its inner end will be made straight, so as to correspond to the side of the car. For the purpose of forming a perfectly-tight joint with the floor, the lower edge of the partition is grooved, and in this groove is se-

cured the rubber strip I, which is made of a tubular shape at the bottom, where it comes in contact with the floor. This strip has a suitable flange, which fills the groove made in the lower edge of the partition, and the tubular part serves to accommodate itself to any irregularity of the floor. All of these partitions will be connected together at their inner straight ends by means of a wire, cord, or rod, O, so that they can all be operated at once for the purpose of turning them up, so as to be out of the way when the car is being swept or scrubbed, or during the summer, when the drafts of air are not so objectionable. This partition also serves to assist in the sweeping of the floor and the washing of it while cleaning out the car underneath the seats. By catching hold of the operating-lever, which is fastened to the connecting rod, wire, or cord, the partitions can be moved back and forth, so that their lower edges, provided with any elastic material, will act as a broom or scrubbing device, and move the dirt and water from underneath the seat to where it can be readily swept into the main aisle. It is not necessary that this partition should be always attached directly to the under side of the seat, for it may be jointed at any distance below the bottom of the seat. This partition will also serve to prevent the heat from the heating-pipes from being swept away by the incoming draft. The draft being confined entirely to the central aisle of the car, the heat will rise freely from the heating-pipes, and thus the passengers will get the full benefit of it, for it cannot be effected until it passes upward beyond the tops of the seats or out into the main aisle. This partition further serves as a shield to prevent the limbs of the passengers from being exposed.

I do not limit myself to any particular construction, shape, or design of the parts, as these may be varied without departing from the spirit of my invention.

Having thus described my invention, I claim—

1. The combination of a car-seat with the swinging partition which is placed under the seat for the purpose of preventing drafts of cold air around the feet of the passengers, substantially as shown.

2. In a car, the combination of the seats with the partitions placed under them, and



connected together by means of rods, cords, or wires in such a manner that the partitions can be raised and lowered, substantially as described.

5 3. The combination of the car-seats, the hinged or pivoted partitions placed under the seats, and the rubber strips I, the parts being arranged and combined to operate substantially as shown and described.

10 4. The combination of a car-seat with a suitable partition loosely attached thereto, and

having an elastic material attached to its lower edge, the partition being adapted to be worked back and forth over the floor for the purpose of assisting in cleaning the car under the seat, 15 substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ISAAC M. VAN WAGNER.

Witnesses:

PETER M. PRIME,  
CALVIN C. POWELL.