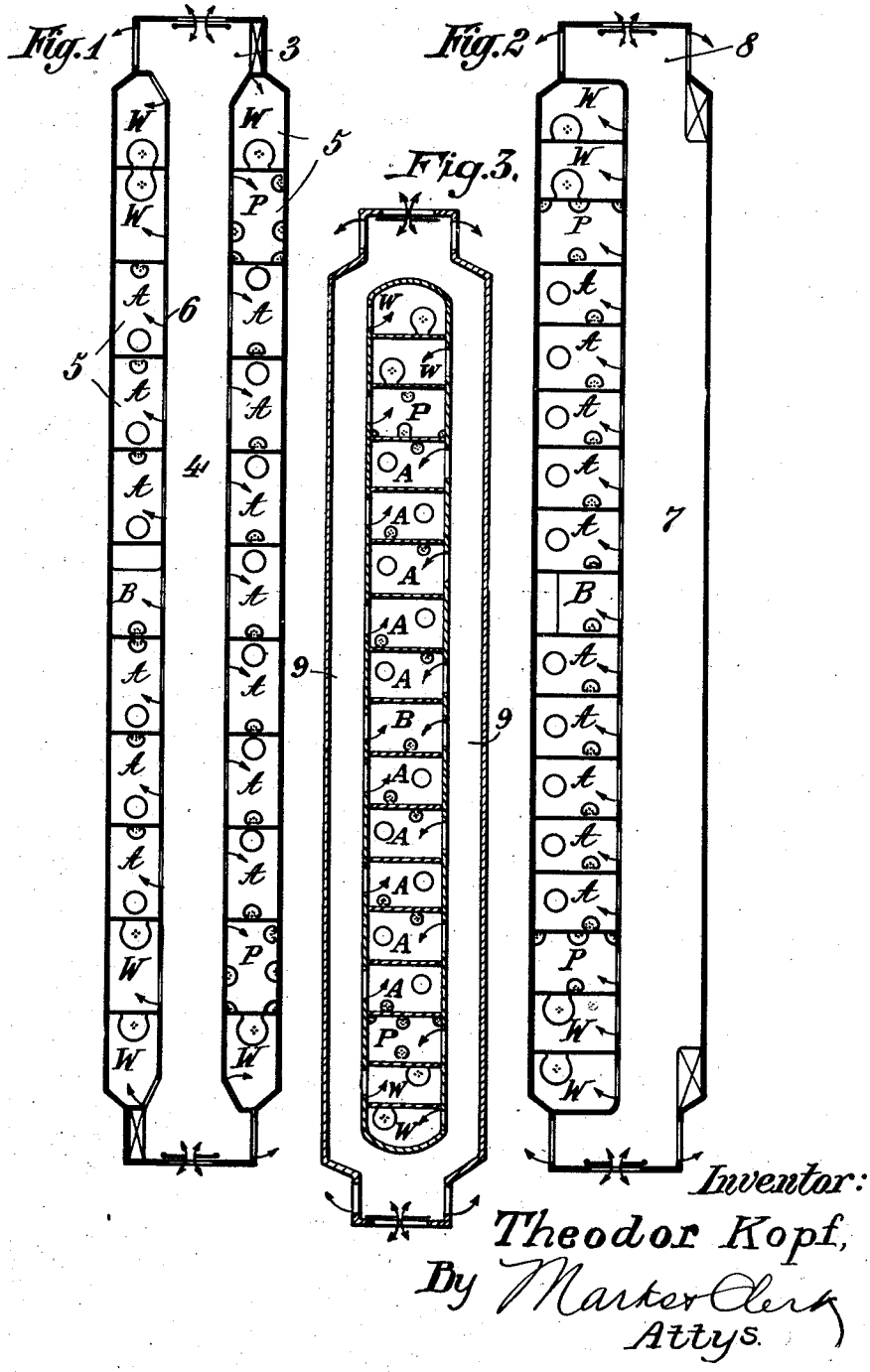
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RAILWAY CAR

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RAILWAY CAR.

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My invention relates to improvements in railway cars. As now practised toilet and similar rooms, such as lavatories, urinals, water-closets, and the like are provided in each railway car, and ordinarily rooms are provided which are simultaneously used as lavatories, water-closets and urinals. By thus disposing the said toilet rooms in the individual passenger cars much room is wasted, and yet the said toilet rooms are not always sufficient for the demand of the passengers travelling in the same car, because when using one of the said rooms for one purpose the other conveniences of the same room cannot be simultaneously used. Further, much work is necessary for keeping and cleaning the said rooms and for giving the necessary assistance to the passengers. The object of the improvements is to obviate the said objections, and with this object in view my invention consists in providing a car which is exclusively used for providing thereon the said subsidiary rooms, each room or a plurality thereof serving only one purpose. Therefore the said subsidiary rooms are not needed in the passenger cars which can therefore be kept in a more hygienic state, and by combining all the said subsidiary rooms in one car all the rooms can more readily be cleaned and otherwise attended to either when the car is in service or out of service. Preferably a car provided with the said compartments is located at the middle of each train, and the said car may be provided with any desired number of compartments serving different purposes, and the different compartments may be equipped in different ways.

For the purpose of explaining the invention two examples embodying the same have been shown in the accompanying drawing, in which the same reference characters have been used in all the views to indicate corresponding parts. In said drawing,

Fig. 1, is a sectional plan view showing a railway car having a median passage and toilet rooms disposed at both sides of the said passage,

Fig. 2, is a similar sectional plan view showing a modification in which the passage is disposed at one side of the car, while the toilet rooms are located at the opposite side thereof, and

Figure 3 is a similar sectional plan view showing a further modification in which passages are arranged on both sides of the car with toilet rooms located in the middle of the car.

In the example shown in Fig. 1 the car 3 is provided with a median passage 4 and compartments 5 provided at both sides of the said passage and having doors 6. As shown some of the said rooms indicated by the letter W are exclusively used as lavatories, other rooms indicated by the letter A are used exclusively as waterclosets, further rooms indicated by the letter P are used exclusively as urinals and a further room indicated by the letter B is designed for use by the attendant. If desired closets for linen and tools for cleaning and other purposes may be provided at a suitable part of the car.

The water-closets A, the urinals P and the room B for the attendant are provided with small washing tubs, while the lavatories are provided with large tubs having a supply of cold and warm water. Some of the water-closets are designed for use by women and others are designed for use by men. In some cases I provide additional rooms for other purposes, for example bath rooms.

In the modification shown in Fig. 2 the passage 7 of the car is located at one side of the car and the toilet rooms at the other side thereof. As shown in Fig. 3 I provide passages at both sides of the car and I locate the compartments between the said passages, in which case the doors of one part of the said rooms open into one of the passages and the doors of the other part of the rooms open into the other passage, so that separate passages are provided for women and men.

It will be understood that all the compartments are provided with heating and illuminating systems, ventilation, water supply, electric bells, electric lamps for indicating whether or not a room is occupied, and other conveniences as may be desired by the railway company.

I claim:

1. A railway car having longitudinal and

transverse partitions providing an unobstructed longitudinal passage extending the length of the car and a series of uniform integral compartments extending along the longitudinal passage with the adjacent compartments closed to each other and each compartment having an opening to the passage, and a toilet equipment constituting the sole equipment for each compartment.

2. A railway car having longitudinal and transverse partitions providing an unobstructed medial passage extending the length of the car and a series of uniform integral compartments extending along each side of the medial passage with each compartment opening into the passage and with the adjacent compartments closed to each other, and a toilet equipment constituting the sole equipment for each compartment.

In testimony whereof I affix my signature.

THEODOR KOPF.