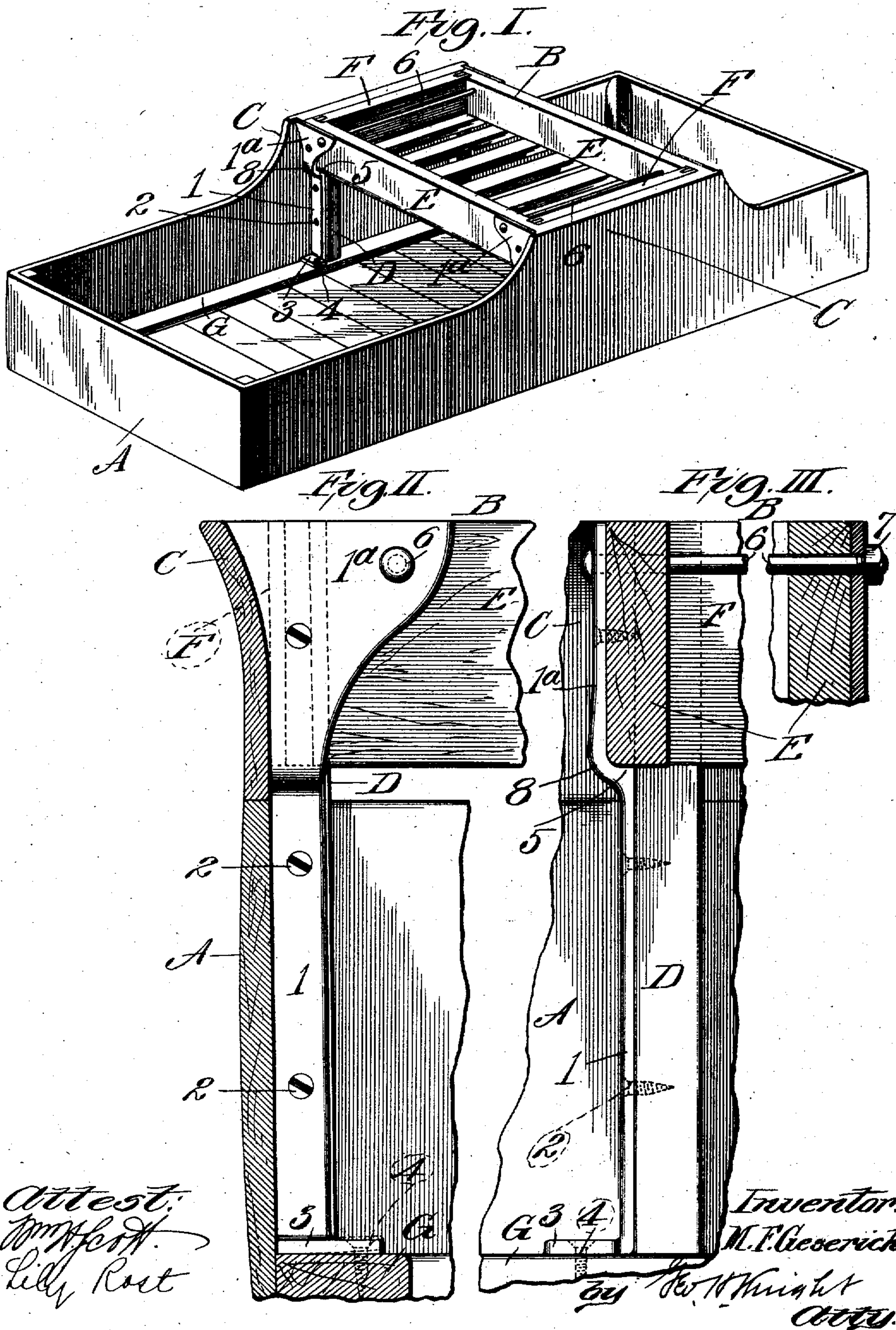


No. 884,014.

PATENTED APR. 7, 1908.

M. F. GESERICH.
VEHICLE.

APPLICATION FILED JULY 13, 1907.



UNITED STATES PATENT OFFICE.

MARTIN F. GESERICH, OF ST. LOUIS, MISSOURI.

VEHICLE.

No. 884,014.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARTIN F. GESERICH, a citizen of the United States of America, residing at the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Vehicles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a new and useful improvement in vehicles and pertains particularly to means for bracing and reinforcing the seat frame and body thereof.

Figure I is a perspective view of a vehicle body and seat frame with my invention applied thereto. Fig. II is an enlarged section through one side of a vehicle body, a portion of the seat frame, and my improved bracing being shown in elevation. Fig. III is a section taken at right angles to that of Fig. II.

A designates the body of a vehicle, such as a buggy, B the seat frame and C the outwardly curved risers which surmount the sides of the body adjacent the seat frame.

D are the seat frame posts, E the front and rear stretcher rails, and F the side rails all of which parts go to make up the seat frame. These rails and posts are all joined together in the ordinary manner, such as mortising, and when so united they are, in the absence of any bracing means, very liable to become separated during the use of the vehicle, and to prevent such separation I utilize the parts about to be described.

1 designates a brace member preferably of cast metal which is designed to be located in the corner formed by the union of the vehicle body A and the seat post D and is secured to the latter by fastening means (screws or the like) 2. This brace member 1 of which there are preferably four is so shaped that it fits perfectly to the inside face of both the side boards and risers of the vehicle and is of a height to come flush with the upper edges of the risers C, stretcher rails E and side rails F. This brace member 1 is provided with an offset foot 3 which is so formed that, before

being secured to the bottom of the vehicle body, it has its projecting end slightly elevated from the side sills G of the vehicle, so that when the fastening means (a screw) 4 is passed through a perforation found in the elevated projecting end of the foot and forced into the side sill it will have a tendency to force each brace member 1, and the parts attached thereto, downwardly and form a perfectly rigid structure.

The brace member is provided with an offset upwardly flaring portion 1^a which rests against the stretcher rail E of the seat frame, and by this offset portion a shoulder 5 is formed upon which the stretcher rail E is partly supported. Where the body 1 and the offset portion 1^a meet, which is also the location of the shoulder 5, I have increased the thickness of the metal, as is shown at 8 in Fig. III, in order to reinforce the body at this point.

6 designates through bolts which pass through the offset portion of the front and rear brace members and the front and rear stretcher rails E, of the seat frame at the inner side of the side rails; each of which bolts is provided with a threaded end and an engaging nut 7 whereby additional stiffening of the seat frame is produced.

I claim as my invention:

A vehicle comprising a body provided with outwardly curved risers, and side sills, a seat frame having stretcher rails, side rails, and supporting posts, brace members, each formed with an offset foot, having a projecting end, secured to a side sill, an upwardly flaring reinforced offset portion providing a shoulder for supporting a stretcher rail, and secured thereto, and bolts passed through the offset portions of the front and rear brace members and through the front and rear stretcher rails at the inner side of the side rails.

MARTIN F. GESERICH.

In the presence of—

LILY POST,
E. S. KNIGHT.