

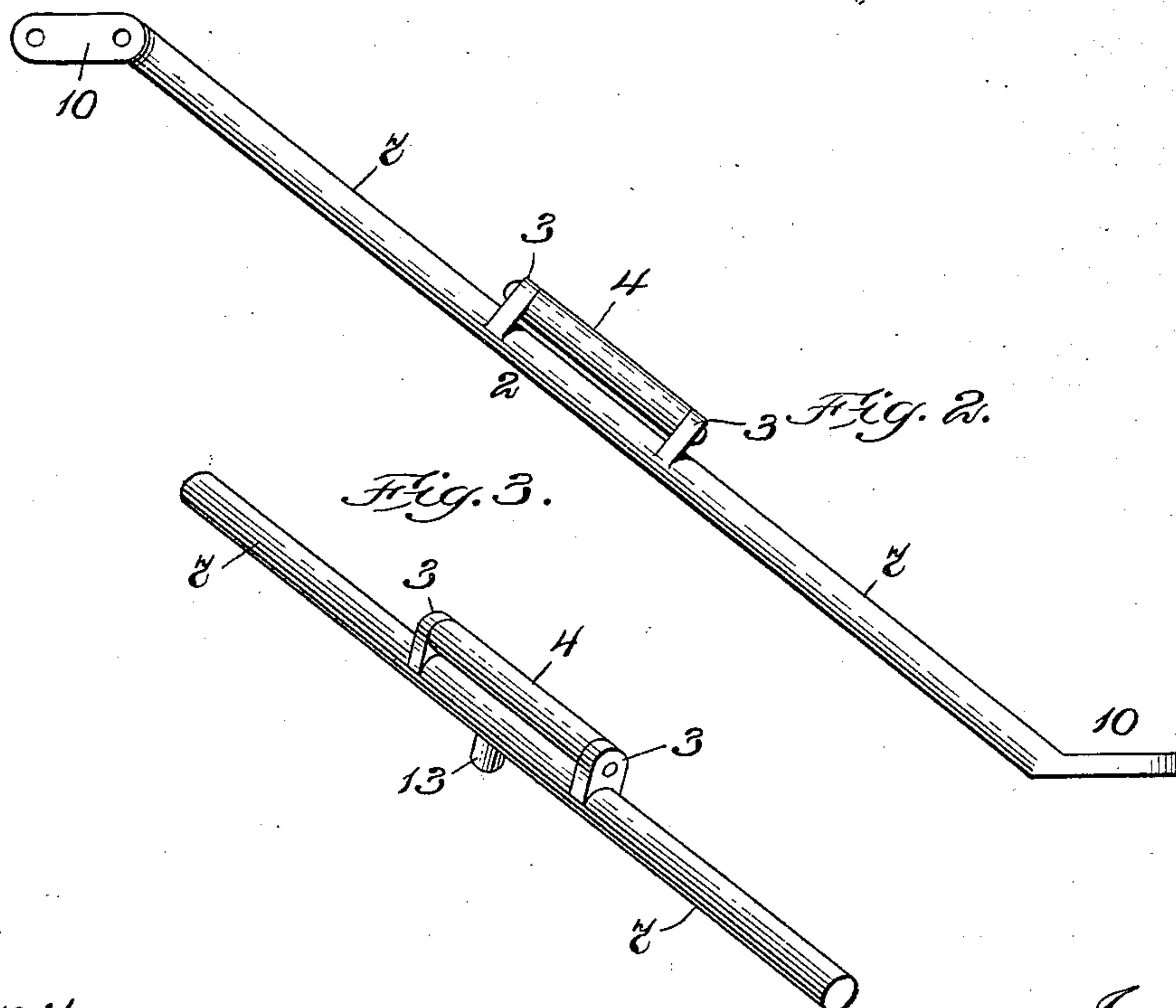
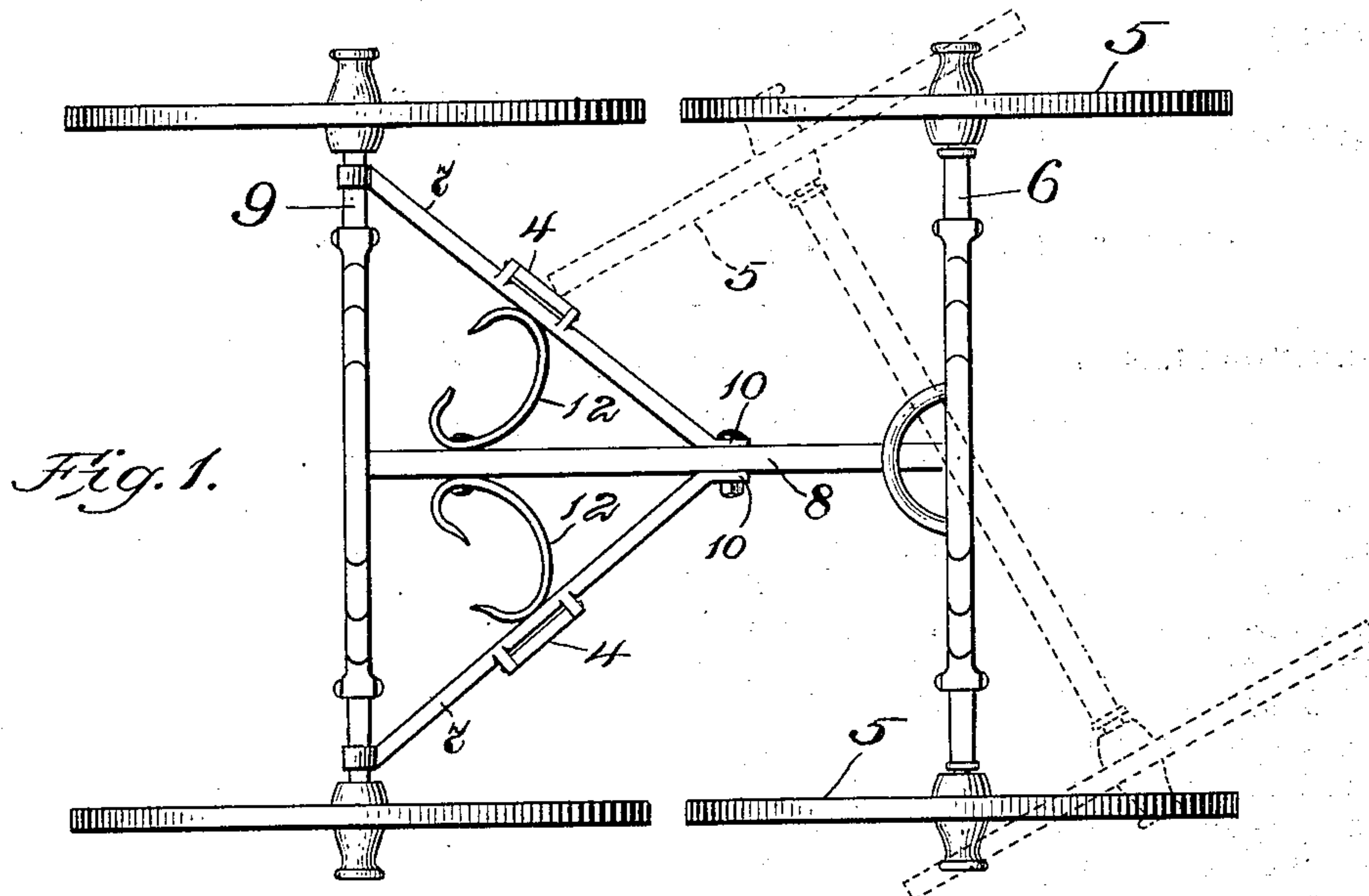
No. 698,751.

Patented Apr. 29, 1902.

A. P. SMITH, JR.
BRACE BLANK AND CHAFE IRON HOLDER.

(Application filed Nov. 14, 1901.)

(No Model.)



Witnesses:
Peter H. Cezette.
A. D. Harrison.

Inventor;
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UNITED STATES PATENT OFFICE.

ALBA PARKER SMITH, JR., OF BROCKTON, MASSACHUSETTS, ASSIGNOR TO
BOSTON ROLLER CHAFE IRON COMPANY, OF BOSTON, MASSACHUSETTS,
A CORPORATION OF WEST VIRGINIA.

BRACE-BLANK AND CHAFE-IRON HOLDER.

SPECIFICATION forming part of Letters Patent No. 698,751, dated April 29, 1902.

Application filed November 14, 1901. Serial No. 82,214. (No model.)

To all whom it may concern:

Be it known that I, ALBA PARKER SMITH, Jr., of Brockton, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Brace-Blanks and Chafe-Iron Holders, of which the following is a specification.

This invention has for its object to provide a piece of carriage-makers' hardware comprising a brace-blank or incomplete brace adapted to be completed at the carriage-factory by the addition of suitable terminals to form a brace for the perch and rear axle and a complete chafe-iron body adapted to support a roller chafe-iron in suitable relation to a front wheel.

The invention consists in the improvements which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a plan view showing the perch, the front and rear axles and the wheels of a carriage, and two combined braces and chafe-iron holders made in accordance with my invention and each provided with a roller chafe-iron. Fig. 2 represents a plan view of one of said combined braces and holders detached from the perch and rear axle and provided with a roller chafe-iron. Fig. 3 represents a perspective view showing the combined brace-blank and chafe-iron holder in which my invention is embodied.

My improved article of carriage-makers' hardware shown in Fig. 3 comprises a body portion 2, having ears 3 3, adapted to support an antifriction-roller 4, the latter being rotatively connected with the ears 3 3 and intended to bear against one of the front wheels 5 when the front axle 6 is turned to the position shown in dotted lines in Fig. 1. The

body portion 2 is provided with extensions 7 7, which project in opposite directions from the ears 3 3 and are in alinement with each other and with the body portion 2. Said body portion 2 and extensions 7 7 constitute an incipient or incomplete brace, which may be completed by welding suitable terminals 10 10 to the extensions 7 7, the latter being made of malleable metal and preferably drop-forged. Said terminals are here shown as provided with flattened plates adapted to be screwed or bolted to the perch 8 and rear axle 9 of the carriage.

It will be seen that my improved article of carriage-makers' hardware enables the manufacturer to fit braces or stays to the perch and rear axle and at the same time support chafe-irons in position to cooperate with the front wheels, the incomplete extensions 7 7 enabling the manufacturer to adapt the brace and chafe-iron holder to various styles or sizes of vehicle. The body portion, as shown in Fig. 3, has a boss 13 of suitable form and size to be welded to the brace 12. This boss may be omitted, if desired.

I claim—

As an article of manufacture, a carriage part having a completed central portion comprising a brace-body and roller-supporting ears projecting laterally therefrom, and two incomplete malleable end portions projecting in opposite directions from said completed central portion, substantially as and for the purpose specified.

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

ALBA PARKER SMITH, JR.

Witnesses:

HOWARD S. CLARK,
C. F. BROWN.