

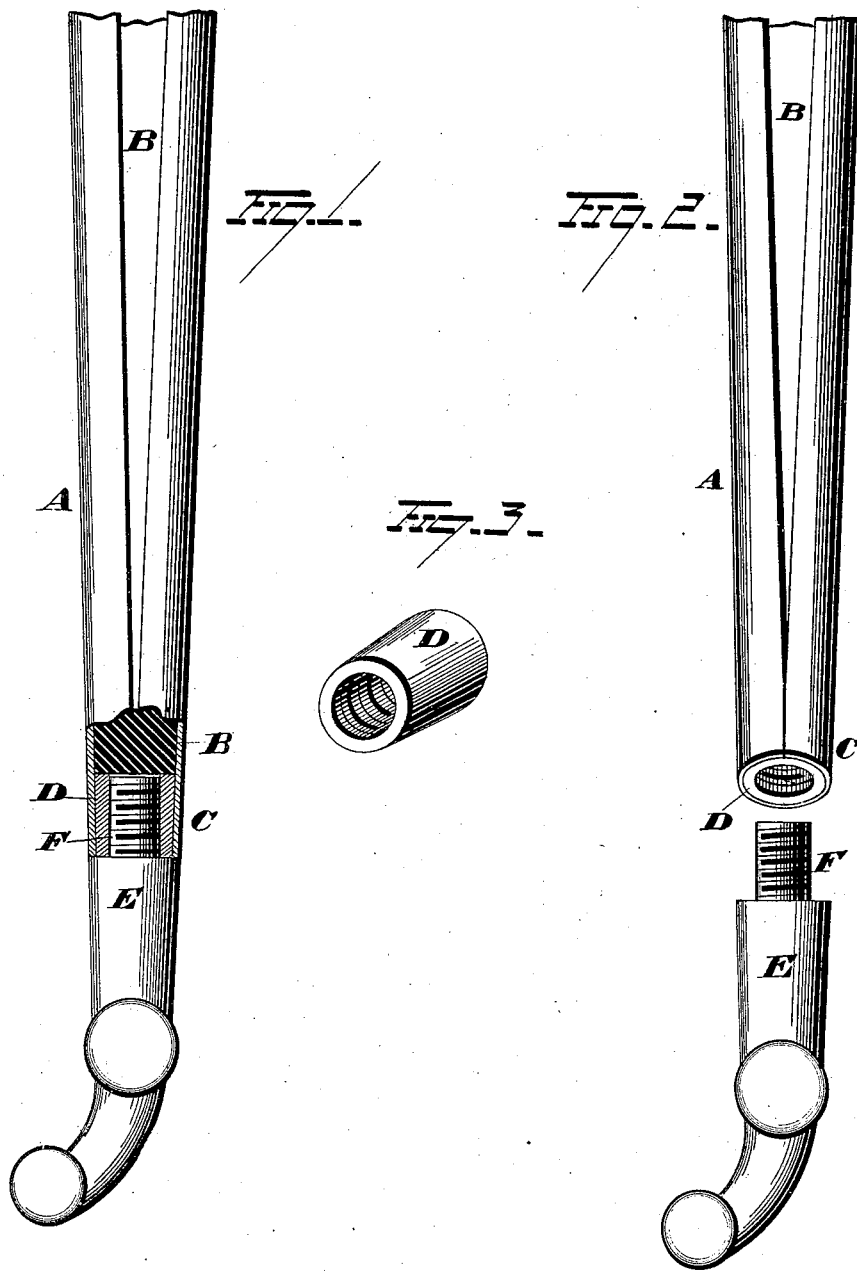
(No Model.)

F. A. WITTICH.

CARRIAGE BOW.

No. 266,409.

Patented Oct. 24, 1882.



WITNESSES
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UNITED STATES PATENT OFFICE.

FREDERICK A. WITTICH, OF ASHTABULA, OHIO.

CARRIAGE-BOW.

SPECIFICATION forming part of Letters Patent No. 266,409, dated October 24, 1882.

Application filed April 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. WITTICH, of Ashtabula, in the county of Ashtabula and State of Ohio, have invented certain
5 new and useful Improvements in Carriage-Bows; 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
10 the same.

My invention relates to an improvement in carriage-bows, the object being to provide improved devices for uniting the side pieces and
15 slat-irons which will combine simplicity and cheapness with durability and strength, and which will not interfere with the application of suitable covers to the side pieces.

With these objects in view my invention consists in certain details of construction and
20 combination of parts as will be hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in vertical cross-section of a carriage-bow side piece and slat-iron embodying my
25 invention. Fig. 2 is a view thereof in perspective, the parts being shown independently; and Fig. 3 is a view of the thimble.

A is a tubular metallic side piece of any desired form and construction, and adapted to
30 receive a filler, B, of wood. The lower end of the said side piece, which is welded, brazed, or soldered together on the line C, is adapted to receive an interiorly-screw-threaded metal
35 thimble, D, which is welded to the inner surface of the tubular side piece. The slat-iron E is provided with a screw, F, made integral with it, and adapted to be screwed into the
thimble D. In uniting the side piece and slat-

iron the screw F is inserted within the thimble D and the parts screwed tightly together. 40
A simple, strong, and neat connection between the side piece and slat-iron is thus obtained, and one which does not interfere with the application of a suitable covering to the side
45 piece.

Instead of welding a thimble to the side piece, as described, a solid plug of metal may
46 be introduced therinto and bored and interiorly screw-threaded after it is welded in place.

I would therefore have it understood that I
50 do not limit myself to the exact construction shown and described; but hold myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope
55 of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters
Patent, is—

In a carriage-bow, the combination, with a
60 tubular metal side piece having a metal plug or thimble provided with a screw-threaded opening welded within the lower end of said
side piece, of a slat-iron having a screw formed on its upper end, said screw being of less diameter than the slat-iron and adapted to fit
65 within the plug or thimble, and the surfaces of the side piece to be flush with those of the slat-iron, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 70

FREDERICK A. WITTICH.

Witnesses:

WM. HUBBARD,
ALBERT SHEERMAN.