

(No Model.)

A. D. HICKOK.

HEAD BLOCK FOR SIDE BAR BUGGIES.

No. 255,288.

Patented Mar. 21, 1882.

Fig. 1.

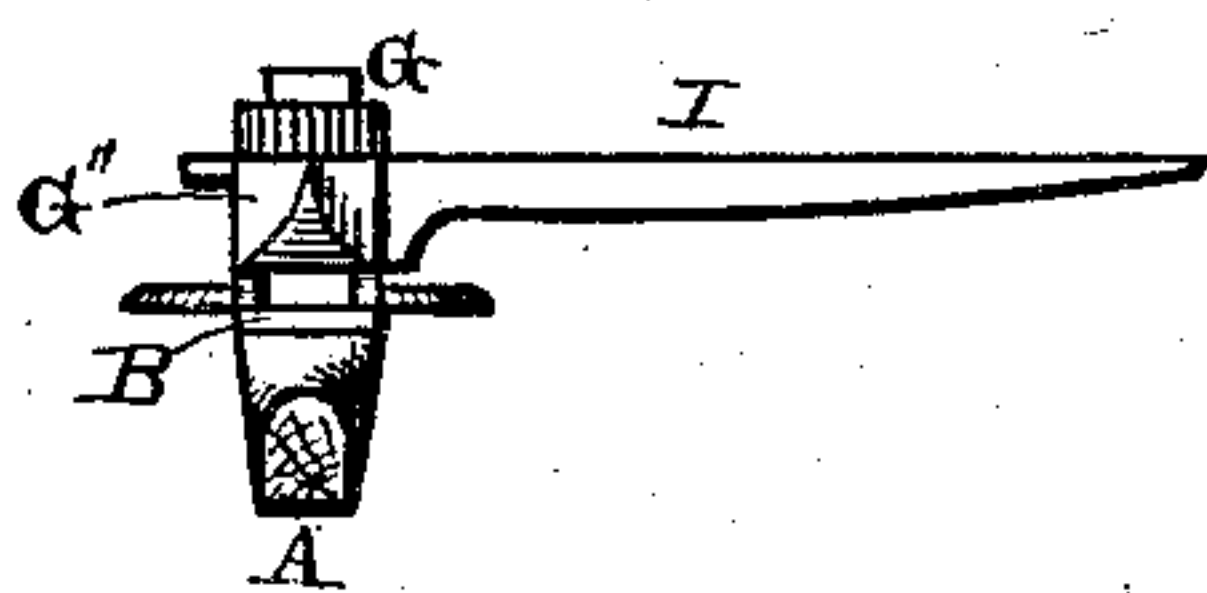


Fig. 2.

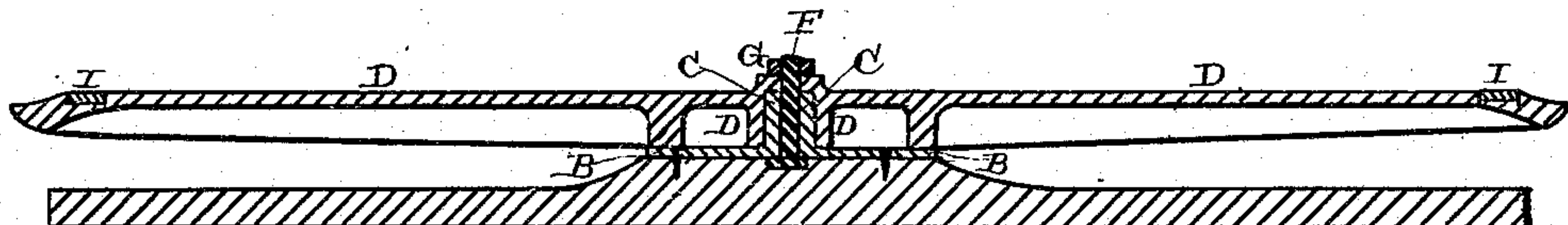
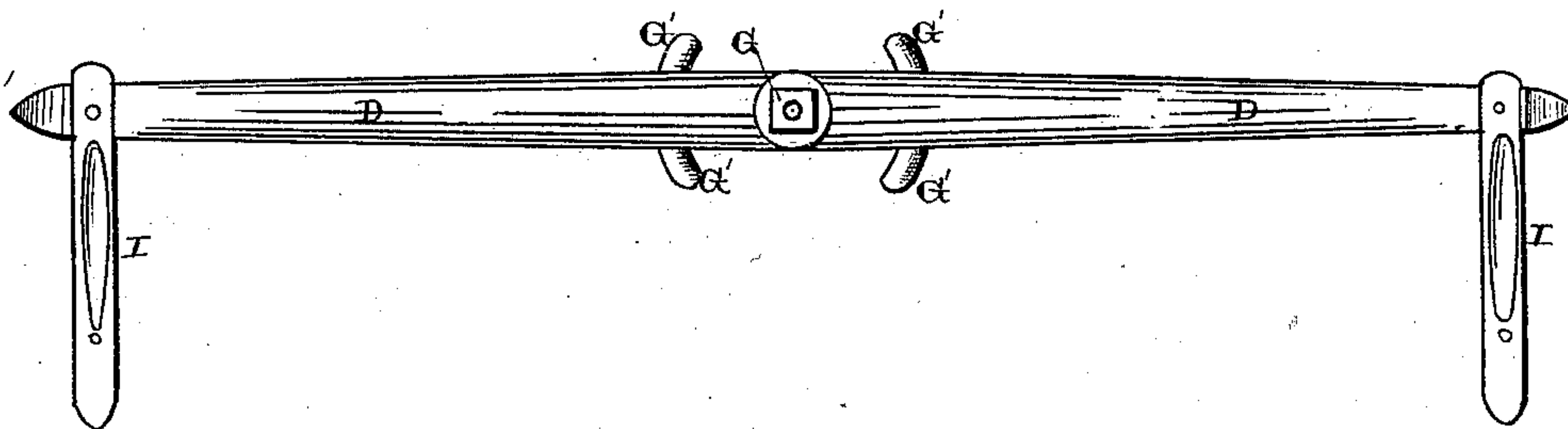


Fig. 3.



WITNESSES:

William H. Mortimer.  
Wm. Kern.

Inventor:

A. D. Hickok,  
per  
F. A. Lehmann,  
Atty.

# UNITED STATES PATENT OFFICE.

ALONZO D. HICKOK, OF COLUMBUS CITY, IOWA.

## HEAD-BLOCK FOR SIDE-BAR BUGGIES.

SPECIFICATION forming part of Letters Patent No. 255,288, dated March 21, 1882.

Application filed November 14, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, ALONZO D. HICKOK, of Columbus City, in the county of Louisa and State of Iowa, have invented certain new and useful  
5 Improvements in Side-Bar Buggies; 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  
10 had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in side-bar vehicles; and it consists in the combination of a metallic block or plate, which is  
15 secured to the top of the front axle, and which forms a bearing for the fifth-wheel, with a metallic head-block, which is pivoted upon a tubular projection formed upon the top of the plate and secured in place by means of the  
20 king-bolt, which passes through the projection on the top of the plate.

The object of my invention is to make the head-block of iron and to form upon it supports for the front ends of the side bars, and to so  
25 construct the parts that they will be greatly simplified in construction and cheapened in cost.

Figure 1 is a side elevation of my invention. Fig. 2 is a longitudinal vertical section. Fig.  
30 3 is a plan view.

A represents the front axle, which has secured to its top, at its center, the metallic plate B. Upon the top of this plate, at its center, is formed the tubular projection C, which forms  
35 the pivot for the head-block D to turn upon. Up through this tubular projection is passed the king-bolt F, the upper end of which receives a nut, G, upon the top of the head-block. This metallic plate A forms the bearing  
40 upon which the fifth-wheel G', which forms a part of the head-block, rests. The head-block D is cast, stamped, rolled, or otherwise formed from any suitable kind of iron or steel, and which is hollowed out on its under side its entire length, with the exception  
45 of at its center, and where the fifth-wheel is

formed or secured thereto, for the purpose of making the head-block as light as possible. Where the pivot passes through this head-block there is made a hole just sufficiently  
50 large to receive it, and upon the top of the head block there is formed a flange or projection, so as to make a sufficient thickness of metal between the top of the pivotal projection and the screw which is screwed down  
55 upon the top of the king-bolt. The fifth-wheel can either be cast or formed with the head-block or secured thereto in any suitable manner.

Formed with or secured to each end of the  
60 head-block, and extending horizontally backward therefrom, are the arms or supports I, which are also hollowed out, so as to make them as light as possible, and which form rests or supports for the side bars. These side bars are both  
65 bolted to these rests or supports by means of bolts and clips, or by any other suitable devices which may be preferred for this purpose. These rests or supports enable the side bars to be secured to the head-block much more securely and perfectly than can possibly be done  
70 in any other manner.

By means of the construction here shown a reach is entirely dispensed with, the construction of the different parts is greatly cheapened  
75 and strengthened, and the vehicle improved in every way.

Having thus described my invention, I claim—

In a side-bar buggy, the combination of the  
80 axle having the plate B C secured to its top, the headed king-bolt F, secured in place by the plate, the metallic head-block D, having the fifth-wheel formed as a solid part thereof, and having the supports I secured to its ends,  
85 substantially as shown and described.

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

A. D. HICKOK.

Witnesses:

A. H. McCANDLESS,  
C. R. McCANDLESS.