

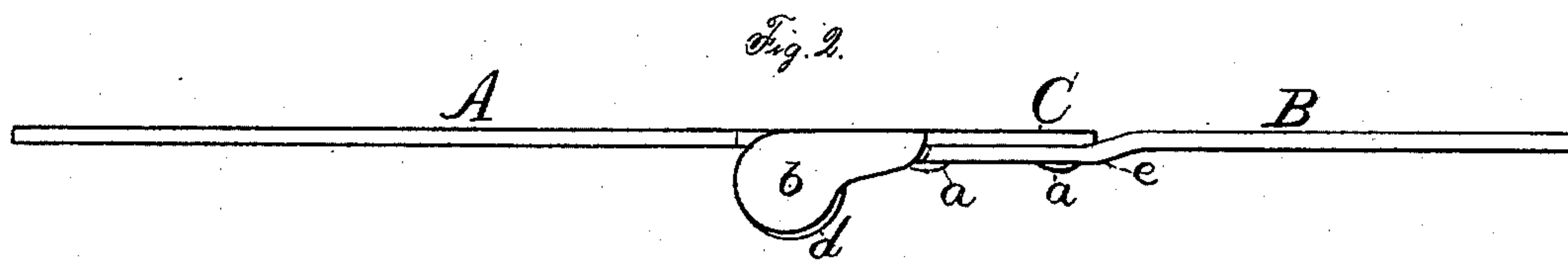
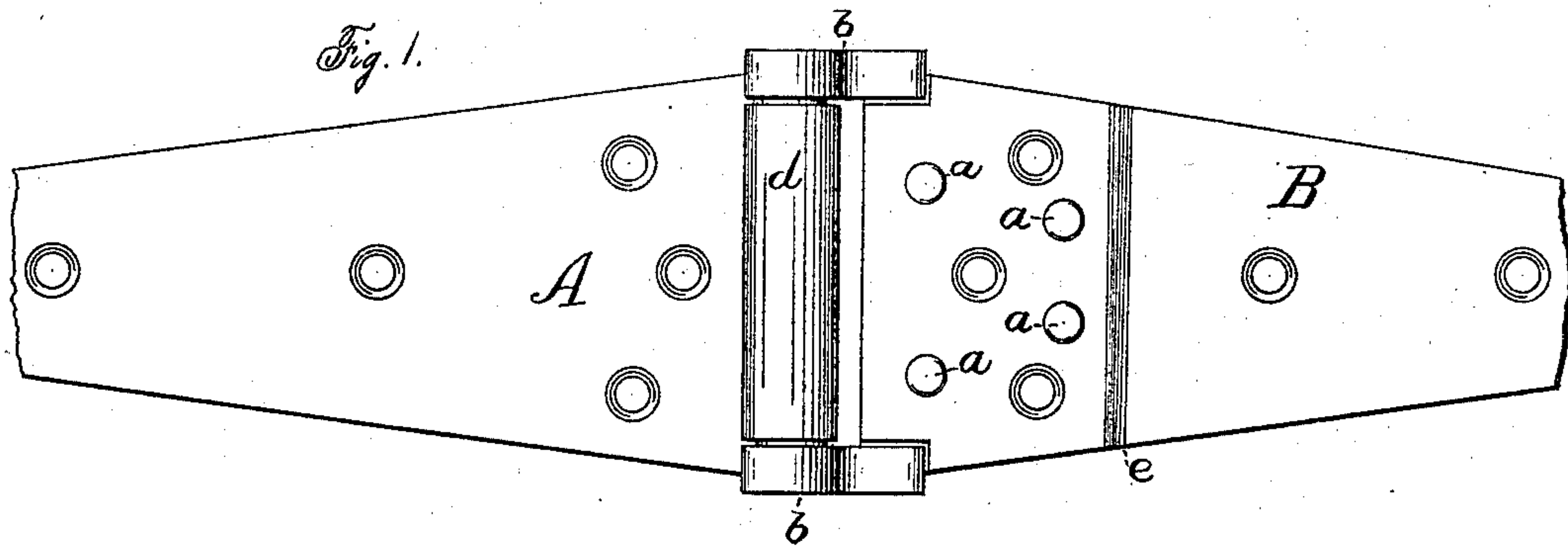
(Model.)

C. E. HART.

HINGE.

No. 294,035.

Patented Feb. 26, 1884.



*Witnesses.*  
*John Edwards Jr.*  
*E. Dwight Cannon*

*Inventor.*  
*Charles E. Hart.*  
*By James Shepard*  
*Atty.*

# UNITED STATES PATENT OFFICE.

CHARLES E. HART, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO THE  
STANLEY WORKS, OF SAME PLACE.

## HINGE.

SPECIFICATION forming part of Letters Patent No. 294,035, dated February 26, 1884.

Application filed June 7, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, CHARLES E. HART, of New Britain, in the county of Hartford and State of Connecticut, have invented certain  
5 new and useful Improvements in Strap-Hinges, of which the following is a specification.

My invention relates to improvements in strap-hinges. In my improved hinge the end  
10 of one leaf is provided with a coil to receive the pintle, which coil is nearly as long as the leaf is wide. The end of the other leaf is secured to a metal plate having flanges which bear the pintle.

In the accompanying drawings, Figure 1 is  
15 a front view of the said hinge, and Fig. 2 a top and edge view.

The main portion of the leaves A and B are substantially the same as in ordinary strap-hinges.

20 C designates a plate or partial hinge-leaf, having studs or rivets *a a a a* cast thereon, or otherwise formed integral therewith.

At each of the two side edges of the plate C flanges *b b* are formed, the same rising up and  
25 projecting from the front flat side of the plate C, and also extending beyond the edge which is contiguous to the joint, said flanges also being formed integral with the plate. A pintle extends from one flange to the other, and I  
30 prefer to have the same cast in. The leaf B, which has no knuckle or coil, is provided with an offset, *e*, which is near one edge of the plate C. The offset end of said leaf is provided with holes to receive the studs *a*, which are riveted  
35 down or upset to secure the plate C and leaf

B together, while the offset *e* in said leaf brings the under side of the leaf and plate into the same plane, thereby adapting them to be secured to any flat surface, like an ordinary hinge. The leaf A has only one coil or knuckle, *d*,  
40 which is nearly as long as the leaf is wide, and which is coiled around the pintle, as shown. The hinge thus formed is but little, if any, more expensive than one with the ordinary joint, and is of superior strength, especially  
45 when used in exposed positions where the joint is liable to rust.

I am aware that what may properly be called "T-hinges" have been made with a short leaf at one end, with a pintle cast in, and with a  
50 strap-leaf having its coil bent around the pintle, and I hereby disclaim the same; also, that a prior patent shows an ordinary three-knuckle strap-hinge with two flanged plates secured to the leaves thereof, and with the pintle passing  
55 through the flanges of said plates, which hinge is also disclaimed.

I claim as my invention—

The improved strap-hinge consisting of the flanged plate C, bearing the pintle, the coil-  
60 less strap-leaf B, secured to the body of said plate, said two parts forming one half of the hinge, and the strap-leaf A, coiled around the pintle and forming the other half of the hinge, substantially as described, and for the purpose  
65 specified.

CHARLES E. HART.

Witnesses:

JAMES SHEPARD,  
JOHN EDWARDS, Jr.