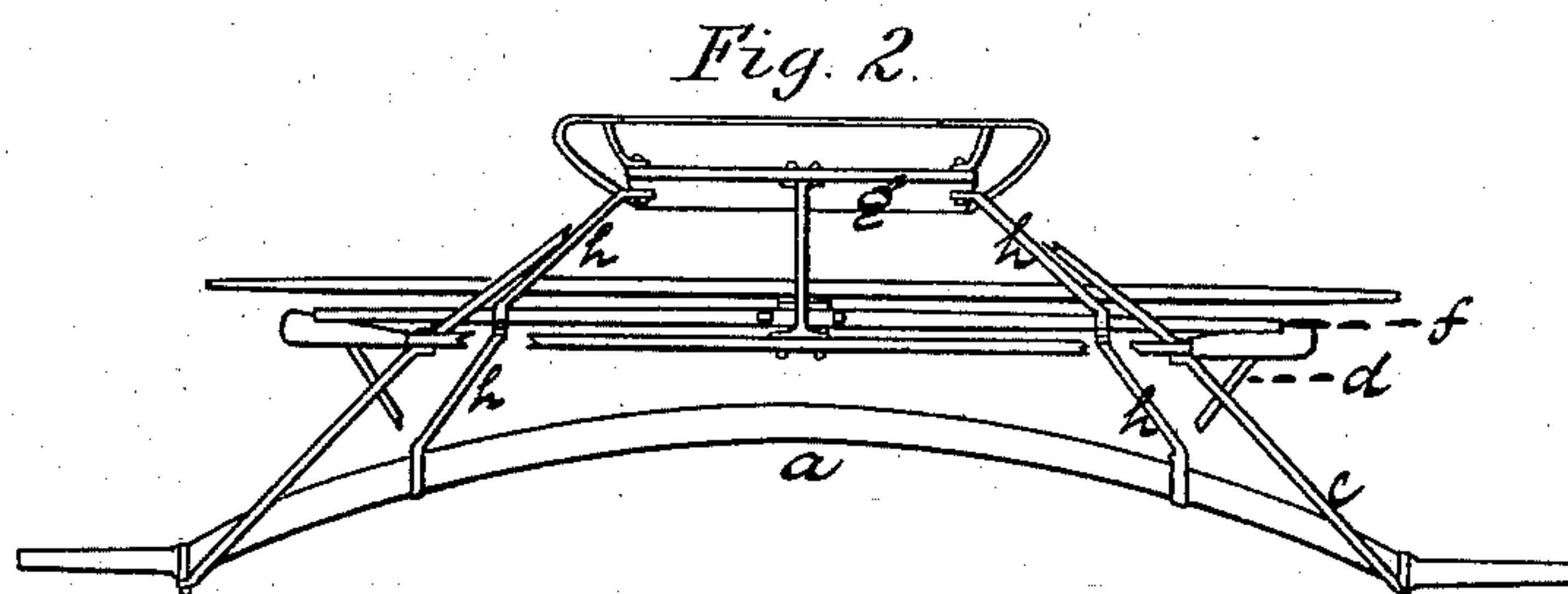
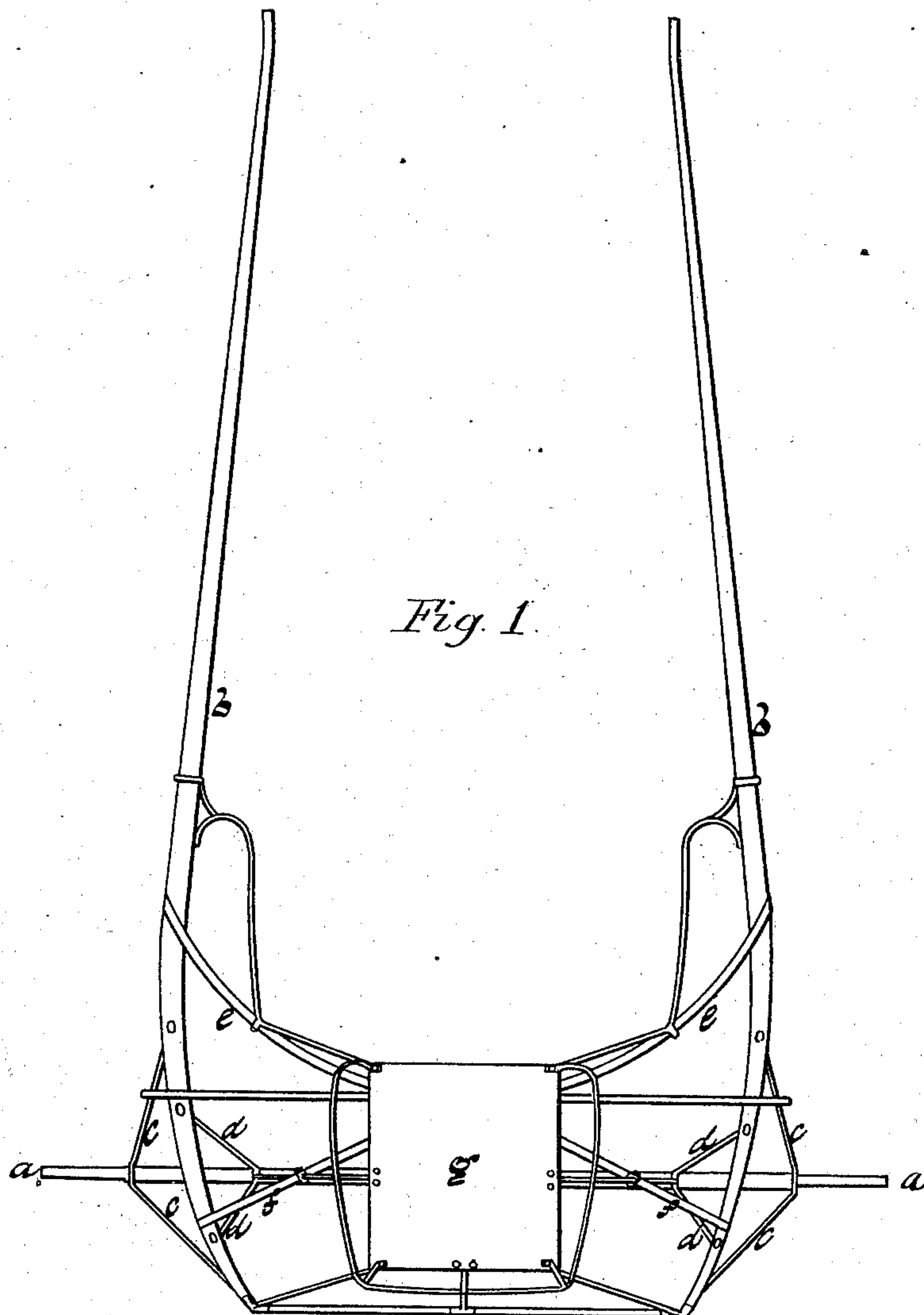


(No Model.)

H. CHAMPAGNE.
Trotting Sulky.

No. 239,728.

Patented April 5, 1881.



WITNESSES:

Chas. L. Burdett.
James J. Greene.

INVENTOR

Henry Champagne

BY

W. E. Simonds

ATTORNEY

UNITED STATES PATENT OFFICE.

HENRY CHAMPAGNE, OF HARTFORD, CONNECTICUT.

TROTTING-SULKY.

SPECIFICATION forming part of Letters Patent No. 239,728, dated April 5, 1881.

Application filed February 16, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY CHAMPAGNE, of Hartford, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Trotting-Sulkies, of which the following is a description, reference being had to the accompanying drawings, where—

Figure 1 is a plan view of a sulky bearing my improvement. Fig. 2 is a rear view of the same, with the bar which joins the rear end of the shafts represented as broken away.

The improvement is in the class of axle-braces and seat-stays for sulkies; and the improvement consists in two braces which, with the seat, form a system approaching that of an arch, the axle being the base, which bars are strengthened midway of their length by, and in return give support to, the rear cross-bar.

The letter *a* denotes the axle; *b b*, the shafts; *c c* and *d d*, the usual braces from the axle to the shafts; *e*, the front cross-bar; *f*, the rear cross-bar; *g*, the seat.

The letters *h h* each denote a brace starting at the foot from the axle near the inner end of the axle-arm—*i. e.*, nearer the inner end of the axle—and running toward each other as they rise till they reach the seat. Midway of their length they each take hold of the rear cross-bar, giving it (nearly) vertical support and taking from it lateral support.

I claim as my improvement—

In combination, the axle *a*, the seat *g*, the braces *h h*, converging from the axle to the seat, and in their course taking hold of the rear cross-bar, *f*, all substantially as described, and for the purpose set forth.

HENRY ^{his} × CHAMPAGNE.
mark.

Witnesses:

I. W. WILLIAMS,
J. L. BARBOUR.