

J. B. ARCI.
HAMMOCK FRAME.

No. 182,049.

Patented Sept. 12, 1876.

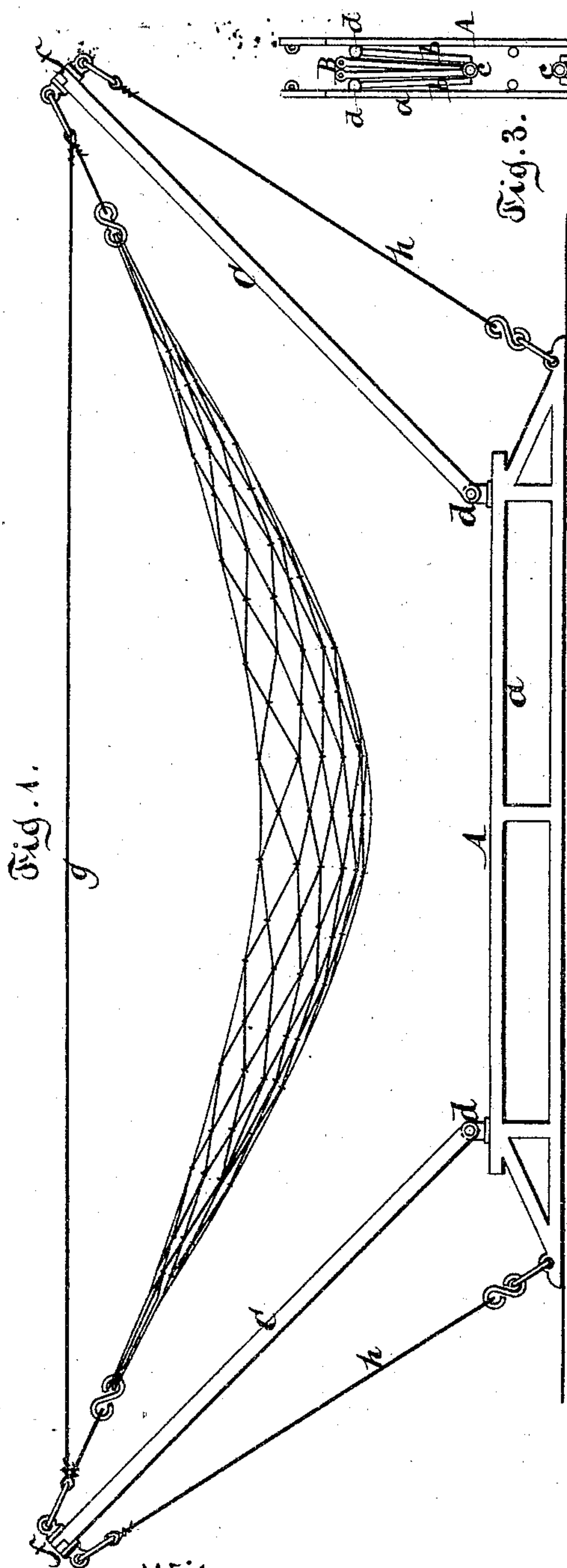


Fig. 1.

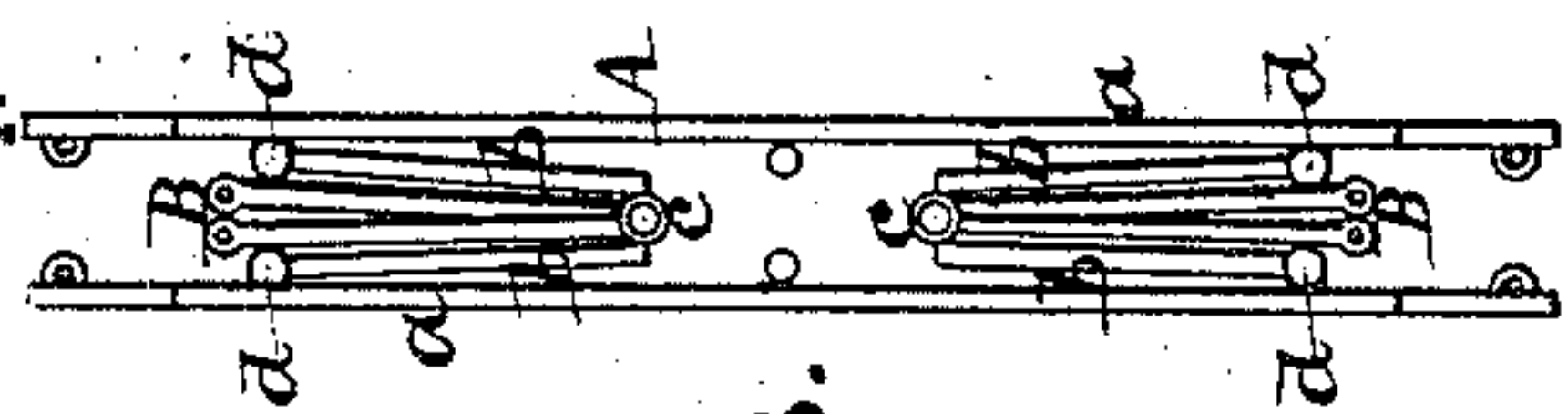


Fig. 3.

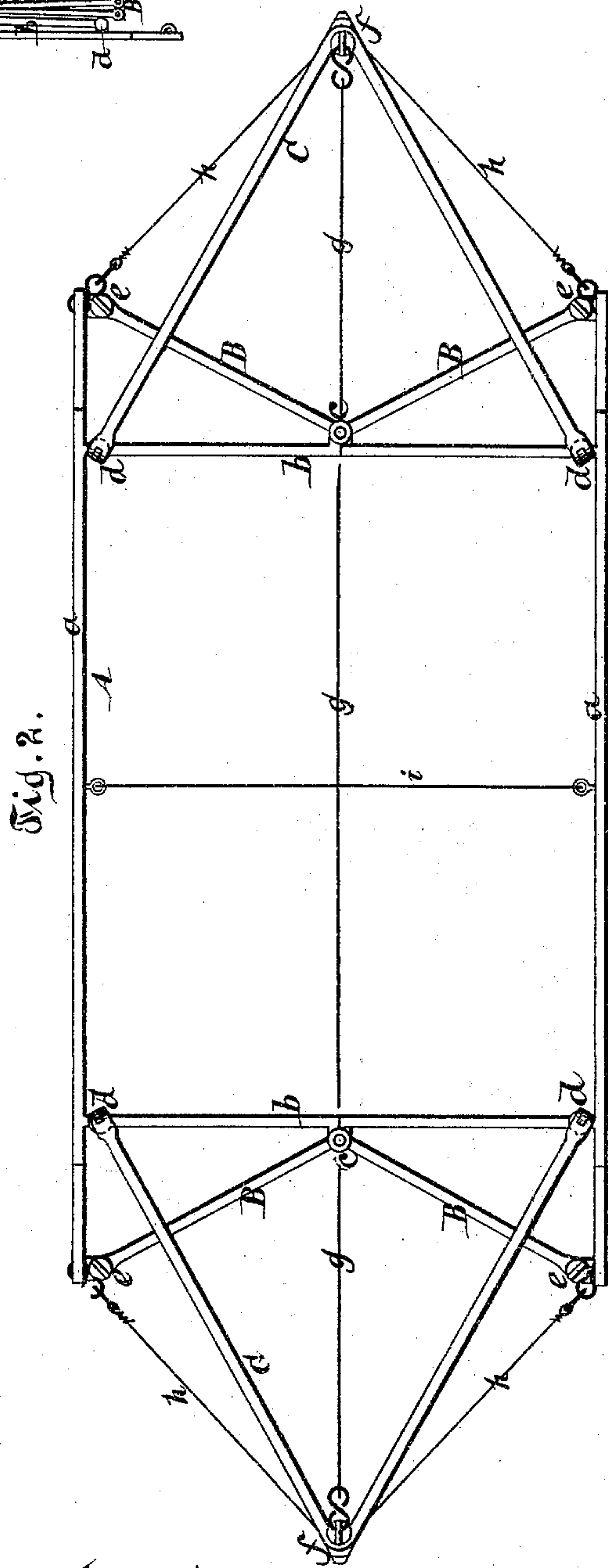


Fig. 2.

Witnesses.
Otte Hupland.
Chas. Wahlen.

Inventor.
Juan B. Arci
by
Van Santvoord & Lauff
his attorneys

UNITED STATES PATENT OFFICE.

JUAN B. ARCI, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN HAMMOCK-FRAMES.

Specification forming part of Letters Patent No. **182,049**, dated September 12, 1876; application filed August 18, 1876.

To all whom it may concern:

Be it known that I, JUAN B. ARCI, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Hammock-Frame, which invention is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a side view of my frame when unfolded. Fig. 2 is a plan or top view of the same. Fig. 3 is a side view of my frame when folded, on a smaller scale than the previous figures.

Similar letters indicate corresponding parts.

The invention consists in a frame with rigid side rails, hinged sectional end rails, hinged braces for spreading the frame, and derricks for suspending the hammock, the whole being so arranged that it can be folded up to a comparatively small compass, or expanded for supporting a hammock.

In the drawing, the letter A designates a frame which is made of rigid side rails *a*, and sectional end rails *b*, the sections of which are connected to each other by pivots *c*, and to the side rails by pivots *d*. From the central pivots of the end rails extend braces B which are connected to extensions of the side rails by pivots *e*, and the heads of the pivots *d* form bearings for derricks C, the upper ends of each of which are connected by pivots *f*.

By this arrangement the whole device, when it is not to be used, can be folded up to the position shown in Fig. 3; but if the same is to be used, the frame A is unfolded to the position shown in Fig. 2, the derricks C are raised, and their upper ends are connected by a rope, *g*, (see Fig. 1,) and they are further secured in position by guy-ropes *h*, which extend from

their upper ends to the ends of the extensions of the side rails *a*.

The side rails are braced by transverse ropes *i*, (one or more,) to prevent them from spreading outward, and the hammock D is finally slung to the pivots, which unite the upper ends of the two derricks.

By this arrangement a frame is obtained which can be readily folded and unfolded, and which, when unfolded, can be conveniently put up in any suitable place for the support of a hammock. The rope *g* also serves to facilitate the operation of getting in and out of the hammock.

When the frame is to be folded up, the ropes *g* and *h* have to be unhooked, and the pivots *e*, at the outer ends of the braces B, have to be withdrawn. These pivots are made with small hooks at their lower ends, so that they do not drop out accidentally.

What I claim as new, and desire to secure by Letters Patent, is—

1. A hammock-frame, composed of rigid side rails *a*, sectional hinged end rails *b*, hinged braces B, and folding derricks C, all constructed and operating substantially as described.

2. The combination, with the rigid side rails *a*, sectional hinged end rails *b*, hinged braces B, and folding-derricks C, of guy-ropes *h*, and a rope, *g*, all arranged substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 16th day of August, 1876.

JUAN B. ARCI. [L. S.]

Witnesses:

J. VAN SANTVOORD,
E. F. KASTENHUBER.