

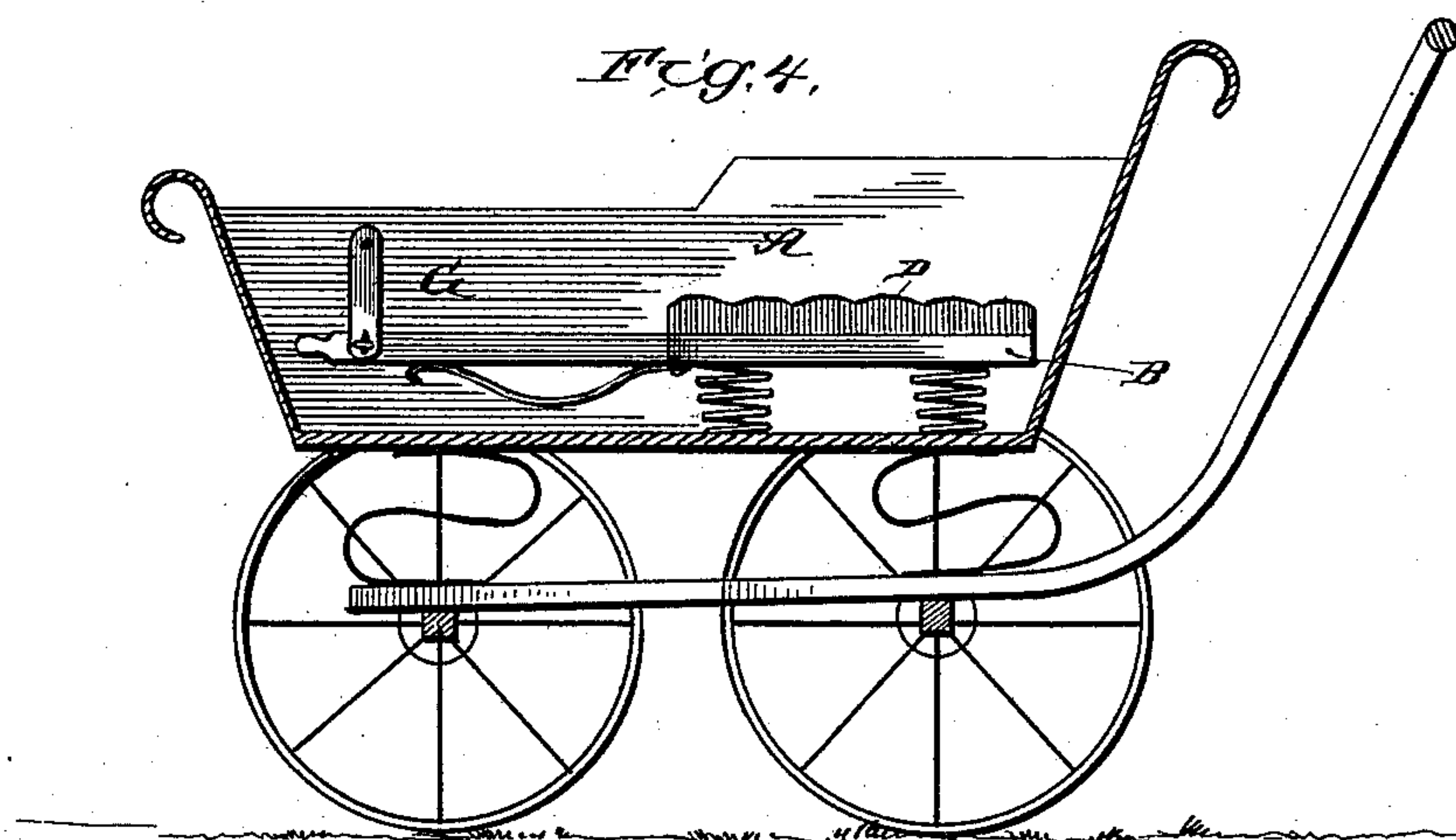
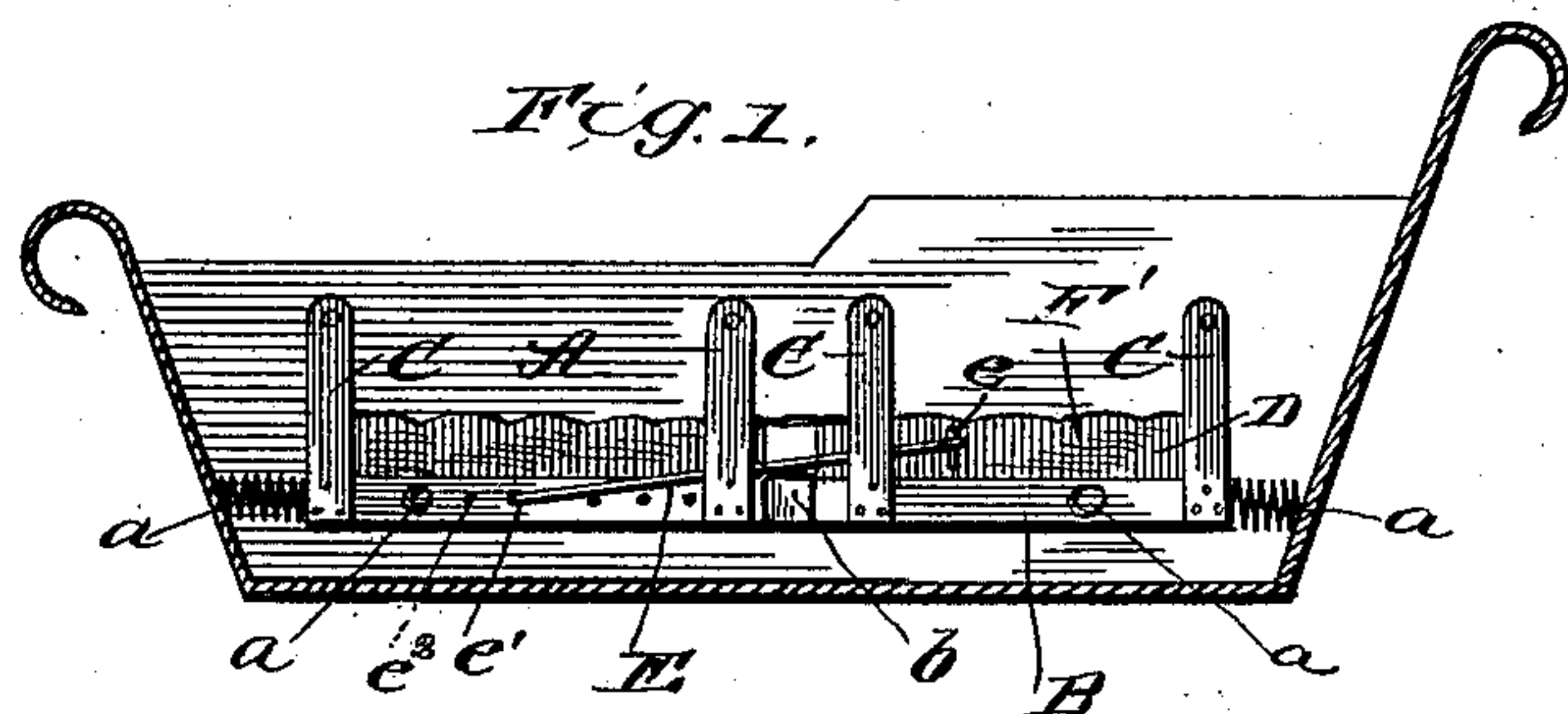
(No Model.)

2 Sheets—Sheet 1.

V. DOANE, Jr.
CHILD'S CARRIAGE.

No. 365,298.

Patented June 21, 1887.



WITNESSES.

Jos. A. Ryan
W. L. Boyden

Valentine Doane Jr.
INVENTOR

By Chas. E. Barber

His Attorney

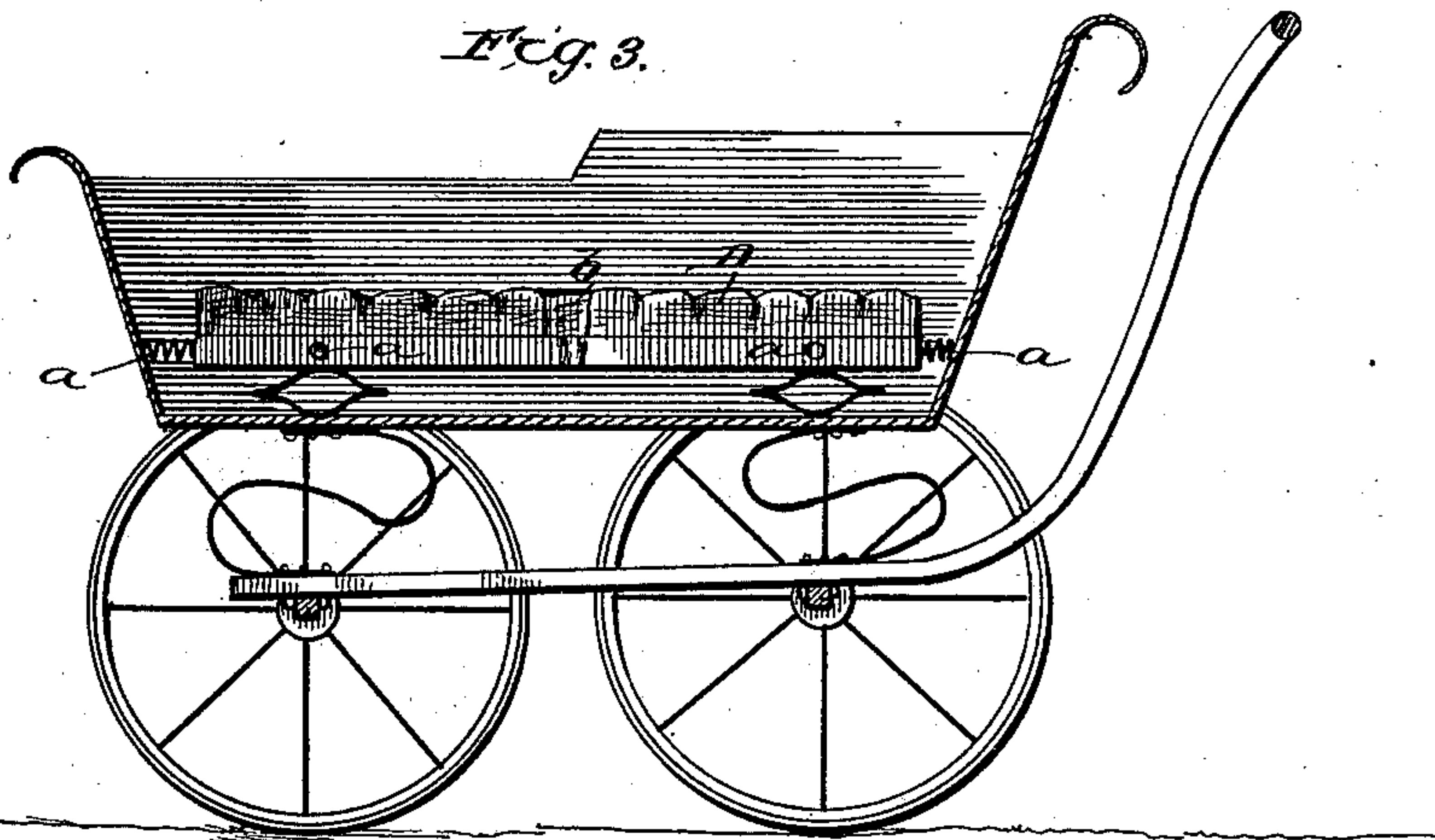
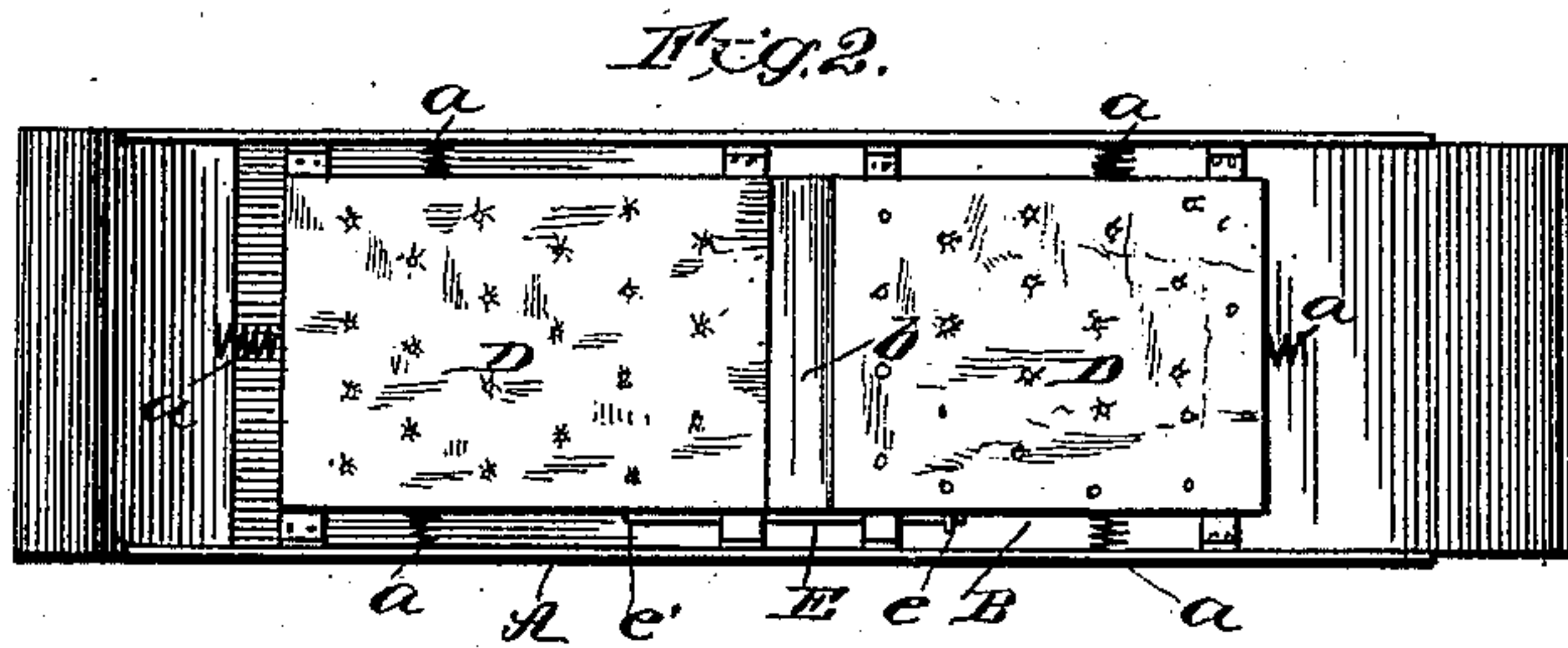
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By his Attorney in fact

Chas E Barber

UNITED STATES PATENT OFFICE.

VALENTINE DOANE, JR., OF HARWICH, MASSACHUSETTS.

CHILD'S CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 365,298, dated June 21, 1887.

Application filed February 7, 1887. Serial No. 226,738. (No model.)

To all whom it may concern:

Be it known that I, VALENTINE DOANE, Jr., a citizen of the United States, residing at Harwich, in the county of Barnstable and State of Massachusetts, have invented certain new and useful Improvements in Children's Carriages, of which the following is so full, clear, and exact a description as will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal vertical section of the carriage-body provided with my improved elastic seat. Fig. 2 is a top plan view of the same. Fig. 3 is a longitudinal vertical section of a carriage-body provided with the elliptical spring. Fig. 4 is a longitudinal vertical section of a carriage-body provided with my improved spring-seat, having a sliding extension-leaf mounted upon the spring.

The object of my invention is to construct a child's carriage in which the child may ride without liability to those violent and injurious jarrings which the child experiences from children's carriages now in use.

Another object of my invention is to provide a carriage which will be less liable to pitch, and therefore less liable to precipitate the child out of the carriage onto the pavement, which is a frequent occurrence when children are being taken to ride in carriages of the ordinary construction. In getting over crossings and other unusual large obstructions, the carriage is violently shaken, and it is not uncommon to see a baby pitched headlong into the street.

The object of my invention is to construct a device which will obviate these serious disadvantages and avoid these accidents.

The invention consists in the novel construction and arrangement of parts, as hereinafter fully explained, and particularly pointed out in the claims at the end of the specification.

In the drawings, A designates the carriage-body, which may be made in any desired shape. The carriage-body is provided with a frame or bed piece, B, which is designed to be mounted on springs within the baby-cart. This bed-piece is provided with a spring at

each end and another spring or series of springs at each side. The number of springs may be varied at will without departing from the general spirit of my invention. The bed-piece is elastically suspended or mounted within the carriage-body, either by elastic webbing C C, as shown in Fig. 1, or by elliptical or spiral springs, as shown in Figs. 3 and 4. The coiled springs *a* may be conical or of a simple coil, whichever may be found most desirable. Ordinarily, I think, a spiral spring will best serve the purpose. The upholstery D is jointed at *b*, to facilitate the adjustment of the upholstery to any desired position in the carriage. One of the sections is provided with a rod, E, which is pivoted at *e*, and provided at its opposite end with a hook, *e'*. This hook is adapted to engage with the frame and fit within the holes *e² e²*, as is clearly shown in Fig. 1. By means of this rod the back portion, F', of the seat may be adjusted at any desired angle within the carriage-body. The upholstery is mounted upon a suitable frame, and is adapted to slide back and forth on the bed-piece B. It is held in any desired position on the bed-piece by the adjusting-arm E; or it may be held in place by a bolt and set-screw.

G represents an extension-leaf, which slides upon cleats situated at the under side of the bed-piece, and permits the lengthening of the bed-piece, so as to allow the child to lie down when it desires. The extension-leaf G should be provided with a suitable spring, which may be of flat steel, elastic web, or a coil-spring. In some instances it may be found desirable to construct the carriage without any springs on the axles whatever, and depend entirely upon the elastic bearing for the upholstery and bed-piece to give the child an easy and comfortable resting-place.

From the foregoing it will be observed that the carriage is adapted to be adjusted at any desired angle, either horizontal, vertical, or on an incline, thus giving the child an opportunity to sit up, recline, or lie down horizontally and sleep, whichever may be desired.

Several of the minor features of my invention may be changed at will without materially affecting the merits of my invention and without departing from the spirit thereof, and

I therefore do not wish to be limited to my exact construction.

Having now described the objects, uses, and advantages of my invention, what I claim as new, and what I wish to secure by Letters Patent, is—

1. In a carriage-body of the character described, the combination of the carriage-body provided with suitable elastic bearings for the seat, of the seat and the extensible leaf, and an elastic bearing for the extensible leaf, substantially as and for the purposes specified.

2. In a child's carriage of the character

described, the combination of the main body and the elastic bearings for the seat, of the bed-piece of the upholstery, and the springs around the outer edges of the upholstery, to prevent lateral jar, substantially as and for the purposes specified.

In testimony that I claim the above as my invention I hereunto set my hand in the presence of two subscribing witnesses.

VALENTINE DOANE, JR.

Witnesses:

CHAS. H. MAGOON,

CHAS. W. PARKER.