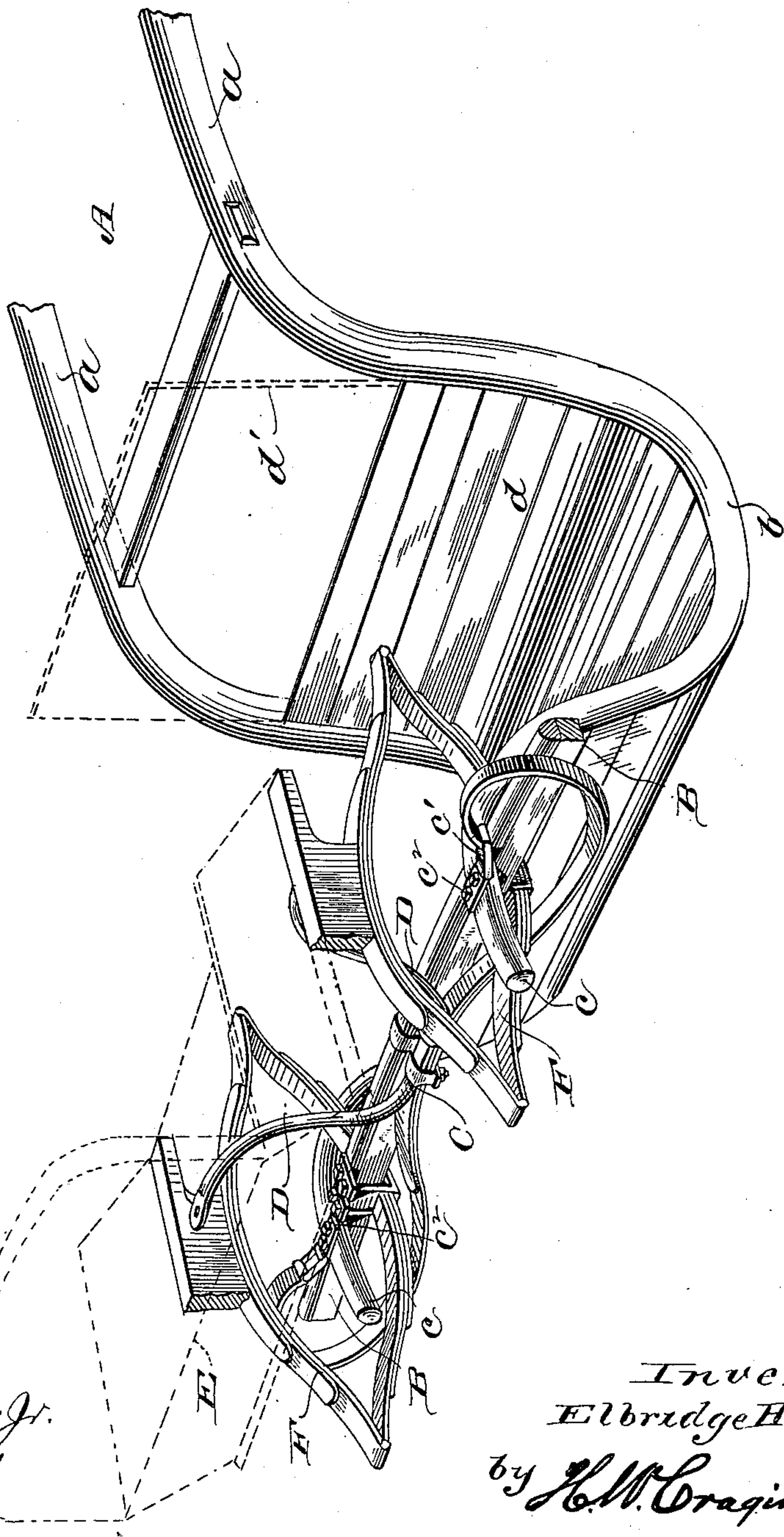


(No Model.)

E. H. GRISWOLD.
TWO WHEELED VEHICLE.

No. 330,017.

Patented Nov. 10, 1885.



Witnesses:
J. A. Grant Jr.
A. Williams

Inventor:
Elbridge H. Griswold
by H. W. Cragin atty.

UNITED STATES PATENT OFFICE.

ELBRIDGE H. GRISWOLD, OF BRANDON, VERMONT.

TWO-WHEELED VEHICLE.

SPECIFICATION forming part of Letters Patent No. 330,017, dated November 10, 1885.

Application filed September 18, 1885. Serial No. 177,484. (No model.)

To all whom it may concern:

Be it known that I, ELBRIDGE H. GRISWOLD, a citizen of the United States, residing at Brandon, in the county of Rutland and State of Vermont, have invented certain new and useful Improvements in Village Carts; 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 appertains to make and use the same.

My invention consists in the thills bent from a point in front of the dash deeply and ovally down, and thereafter extending up and back over the axle at a somewhat lower level than the portion in front of the dash; also, in the combination of said thills with the cart-body, the axle, and a spring parallel to and back of the axle, said spring connecting with the seat by a brace or U-shaped spring, the object being to make the cart ride easy, and afford ready ingress and egress for invalid, lame, or aged persons.

The drawing is a broken sectional perspective, the wheels being removed.

Like letters refer to like parts.

A represents the thills. The front portion, *a*, is of an ordinary shape; but at a point in front of the dash or body they bend down and up to form a deep oval, *b*, and then extend back over the axle B, forming the portion *c* at a lower level than *a*, and resting on said axle loosely. This peculiarly-shaped bend may be made by steam, or in any suitable way. Between the sides of the bend *b* is arranged the foot boarding or flooring *d* and the dash *d'*. The portions *c* of the thills may be shod underneath to prevent wear, and they engage by a link, *c'*, and plate *c''* with the ends of a spring,

C, back of and parallel to the axle, which spring connects with a brace or U-shaped spring, D, attached to the seat above in any manner or location desirable. The seat E also rests on ordinary elliptical springs, F, attached to the under side of the axle, and may be provided with a top, none of which require further mention. It will be seen that by connecting the back ends of the thills with the springs C the cart-body will be largely prevented from bumping on the axle, but will have sufficient lateral play, and the brace D makes said spring also add to the ease of the seat. By extending the thills entirely under the body in the form shown convenience of ingress and egress is gained and the construction of the vehicle simplified.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a village cart, &c., a continuous thill having a deep oval bend extending below the horizontal plane of the axle, and forming the side sills for the foot-rest of the body, as set forth.

2. The thills having the deep oval bend combined with the body, the axle, and the spring C, engaging with the extension of the thills in the rear of the axle, as set forth.

3. The thills having the portions *a*, *b*, and *c*, combined with the foot-boarding *d*, the axle B, the spring C, the brace D, the seat E, and the springs F, as set forth.

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

ELBRIDGE H. GRISWOLD.

Witnesses:

WALTER F. SCOTT,

WALTER P. WHEELER.