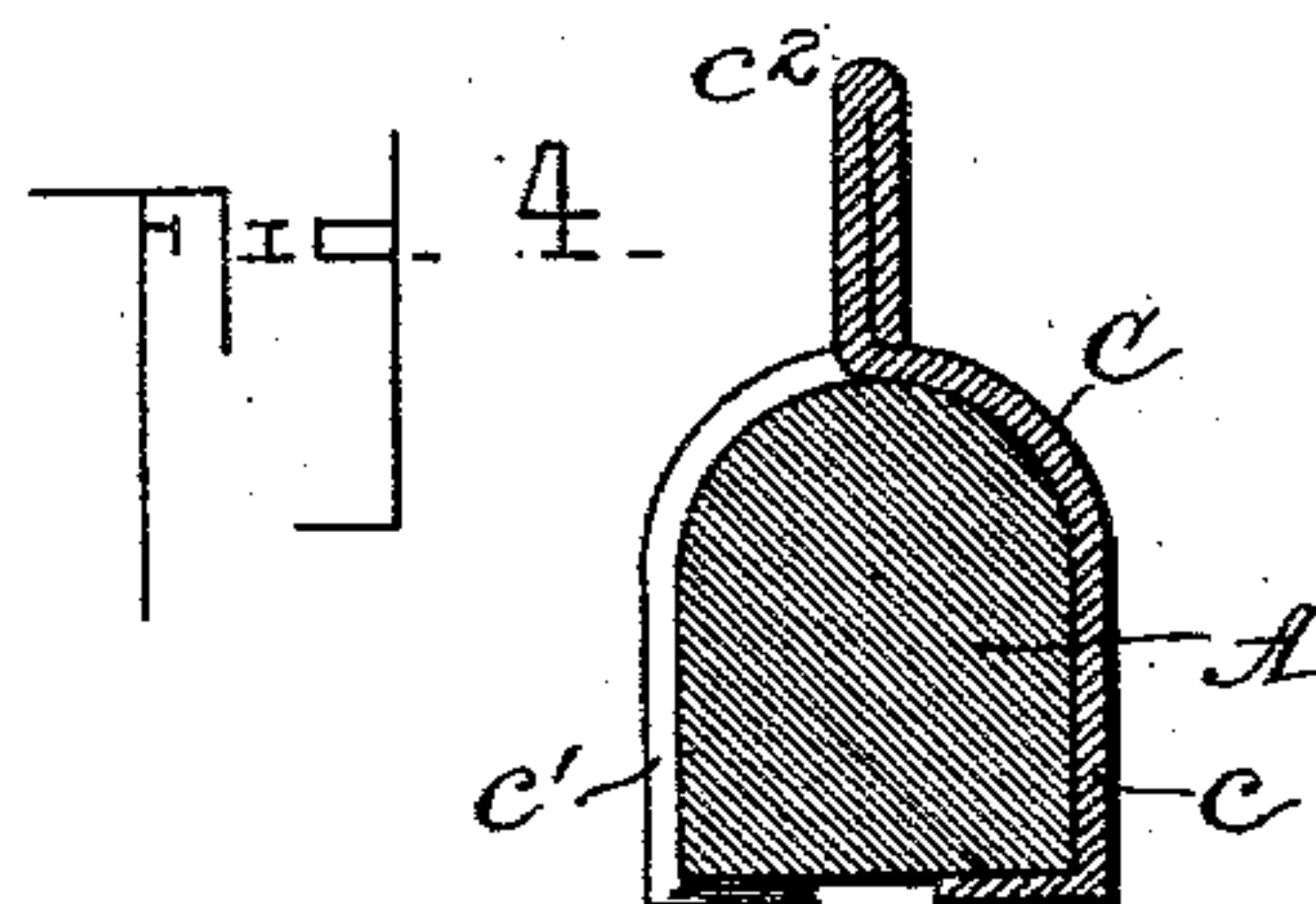
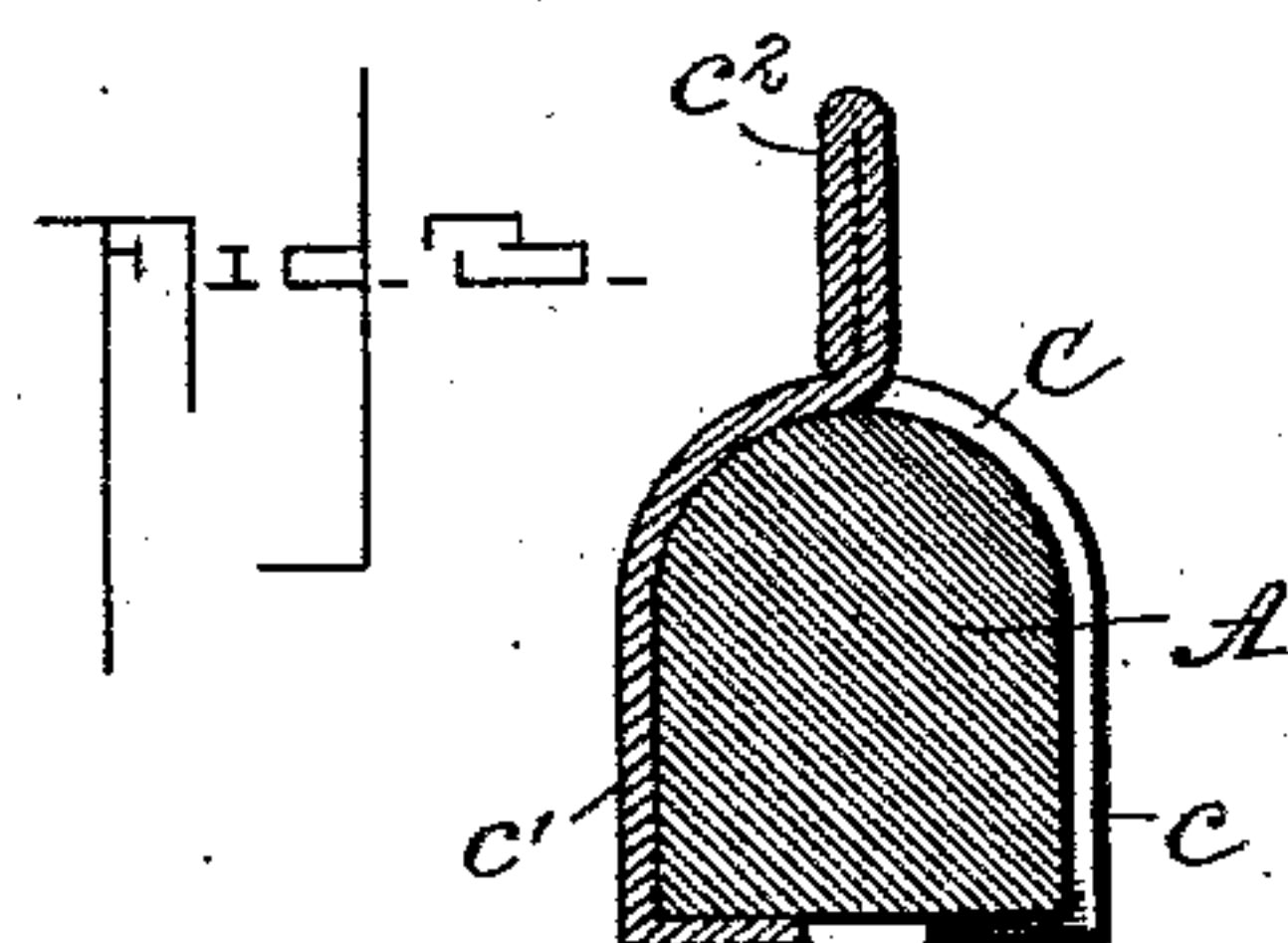
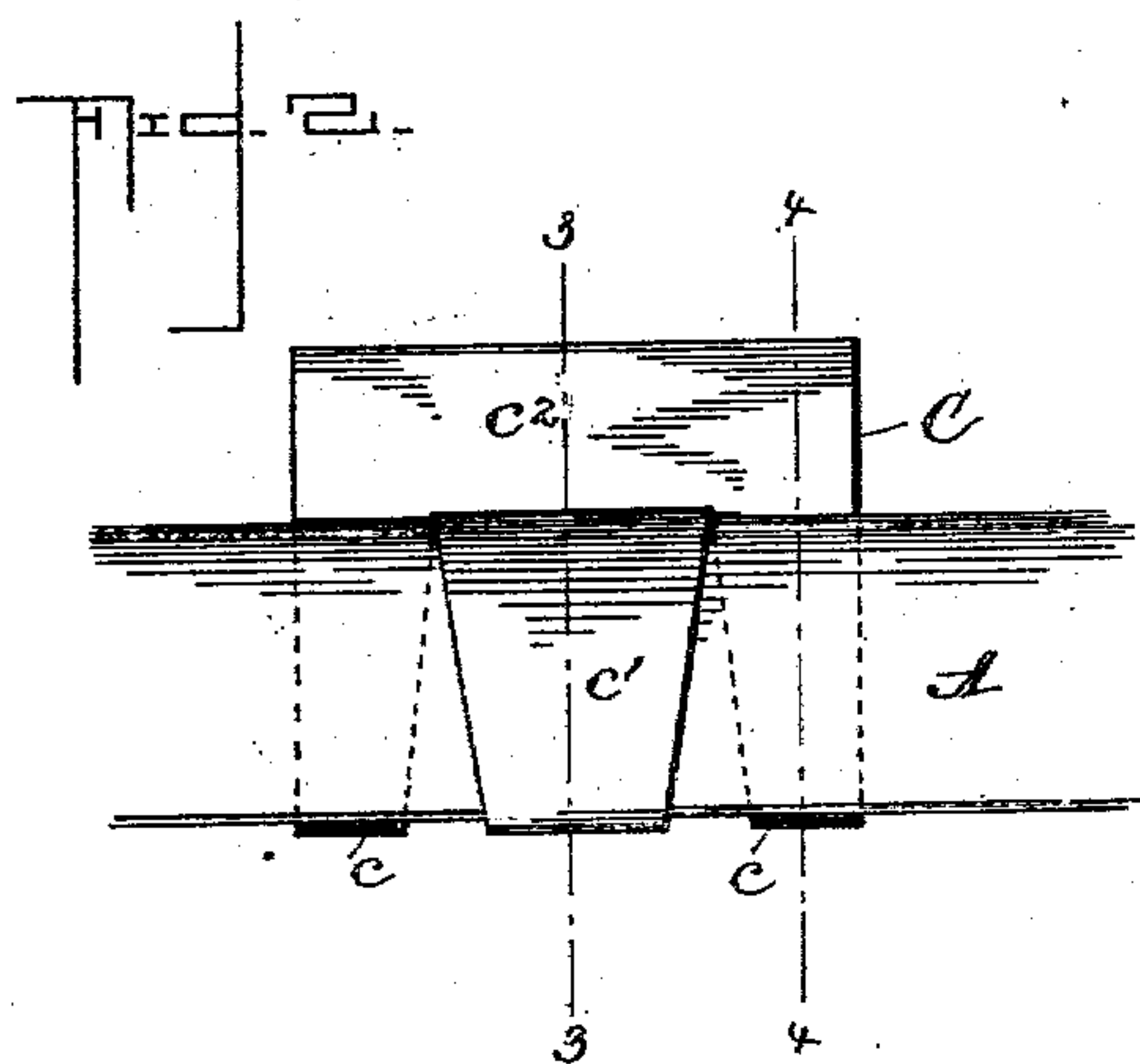
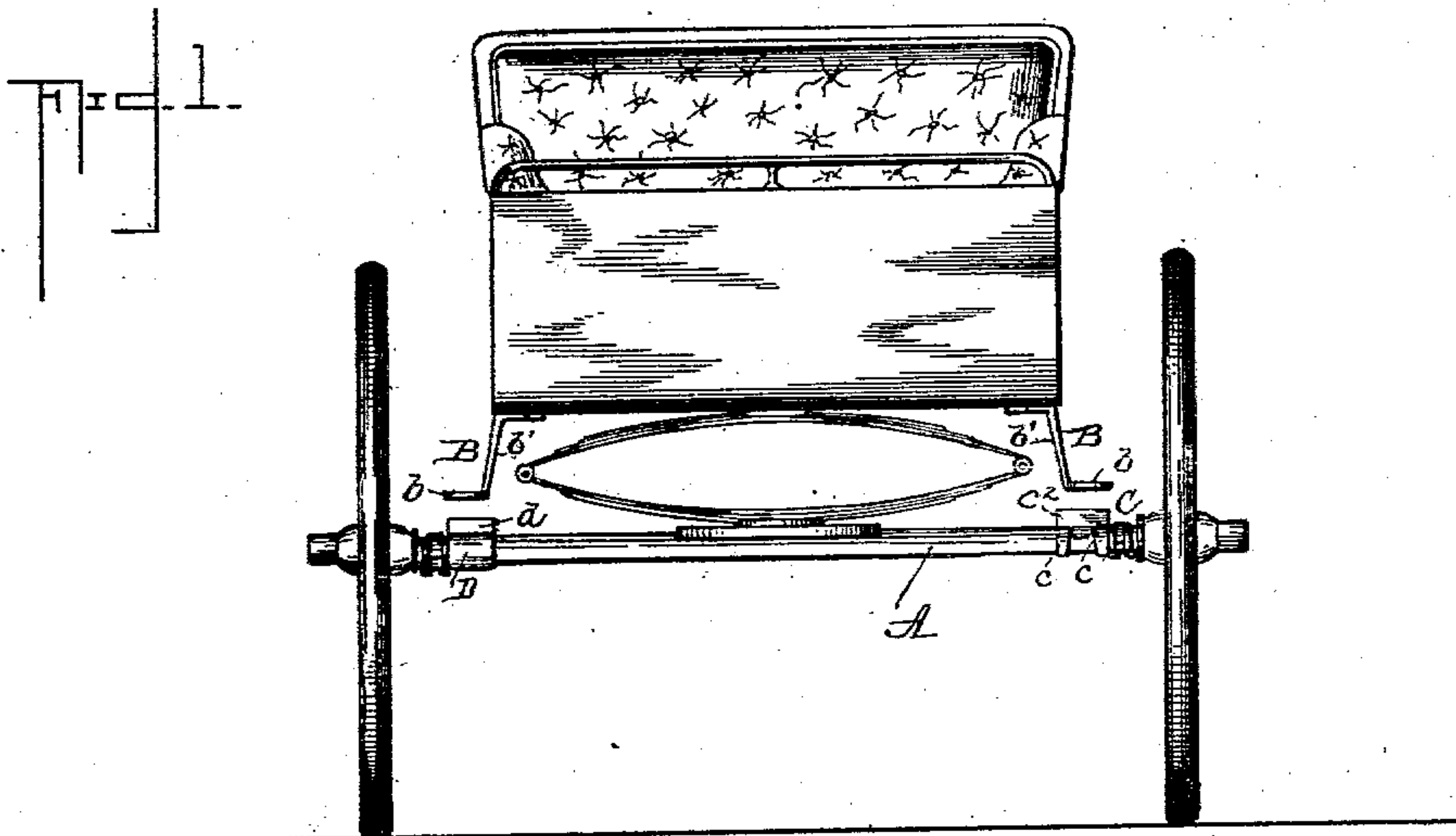


No. 721,044.

PATENTED FEB. 17, 1903.

J. K. HUNTER.
FOOT SCRAPER ATTACHMENT FOR VEHICLES.
APPLICATION FILED OCT. 29, 1902.

NO MODEL.



WITNESSES

Robert
W. Hunter

John K. Hunter,
INVENTOR.

By John B. Thomas & Co.,
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN K. HUNTER, OF OWENSBORO, KENTUCKY.

FOOT-SCRAPER ATTACHMENT FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 721,044, dated February 17, 1903.

Application filed October 29, 1902. Serial No. 129,326. (No model.)

To all whom it may concern:

Be it known that I, JOHN K. HUNTER, a citizen of the United States, and a resident of Owensboro, in the county of Daviess and State of Kentucky, have invented certain new and useful Improvements in Foot-Scraper Attachments for Vehicles, of which the following is a full, clear, and exact description.

In getting into a vehicle it is customary for a person if his shoes are muddy to scrape them upon the step; but on account of the shape of the ordinary step, and more particularly its thickness at the edge, the mud is not all removed. It is also very inconvenient to use a step for this purpose, inasmuch as a person cannot stand on the step while using it.

The object of my invention, therefore, is to provide a vehicle with a foot-scraper located in a convenient position with respect to the step, so that a person in getting into the vehicle may readily remove any mud that may be on his shoes; and to this end the invention contemplates the provision of a sheet-metal scraper or blade preferably attached to an axle of the vehicle adjacent each step.

Having the above object in view, my invention consists of a plate shaped to provide a scraper or blade and adapted to be attached to the axle.

The invention further consists of a scraper or blade of particular construction attached to a part of the vehicle conveniently to the step, all as will be hereinafter fully described, and more specifically set forth in the appended claims.

In the accompanying drawings, which form a part of this specification, Figure 1 is a view of a buggy, showing the application of my invention thereto. Fig. 2 is a detail view of the scraper or blade, the same being attached. Fig. 3 is a sectional view through the scraper and axle on the line 3 3 of Fig. 2. Fig. 4 is a sectional view on the line 4 4 of Fig. 2.

Like letters of reference indicate like parts in the several views of the drawings.

In the drawings I have shown the scraper as attached to the front axle of the vehicle, and though this is the location preferred it will appear hereinafter that it could be attached to some other part of the vehicle.

Referring to the drawings, A designates the axle of the vehicle, and B the step, while

the letter C designates my improved scraper, which, as shown, is attached to the said axle A at a point thereon adjoining the step B. The said scraper is made up of a plate of sheet metal, which in the preferred form of construction (fully illustrated in Figs. 2, 3, and 4) is cut away at its ends to provide the engaging fingers *c c* at one end and the central finger *c'* at the other end, the plate being then bent upon itself, so that the aforesaid fingers will interlock or cross and project in opposite directions. In attaching the device the fingers or clamping members *c c* and *c'* are bent upon the sides of the axle and the terminal portions bent abruptly under the same, whereby the device is held in intimate and secure engagement with said axle, leaving an upwardly-projecting blade *c²*. By the particular manner of forming the scraper and attaching the same to the axle, as hereinbefore described, the portion forming the blade is held firmly and securely and will withstand the pressure of the foot when in use. Though the manner of attachment will be sufficient to hold the scraper to the axle for all ordinary use, in some instances it may be found necessary to secure the device by nails or screws; but such will be necessary only to hold it in place on the axle.

In Fig. 1 I have shown a modified construction of scraper (designated by the letter D) in which a plain metal plate is employed, bent upon itself to provide the blade *d*, while the other portion is bent around the axle.

The provision of a foot-scraper of the character herein shown and described will be found very convenient, as it will permit a person to stand upon the step and scrape his feet before entering the body of the vehicle. It will also be noted that the device will not mar the appearance of a vehicle, and, in fact, may be made an ornamental attachment by nickel-plating the same.

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

1. A foot-scraper attached to the axle or similar part of a vehicle, and comprising a metal plate bent upon itself to provide two thicknesses of metal for the blade and means of attachment projecting in opposite directions from the lower end of the blade.

2. A foot-scraper adapted for attachment to the axle or similar part of a vehicle, comprising a plate bent upon itself and having the engaging members *c c* and *c'* adapted to
5 provide the means of attachment.

3. A foot-scraper adapted for attachment to the axle or similar part of a vehicle, comprising a plate cut away at its ends to provide engaging members and said plate bent
10 upon itself to provide the blade and interlocking engaging members, substantially as shown and described.

4. A foot-scraper adapted for attachment to the axle or similar part of a vehicle, com-

prising a plate cut away at its opposite ends 15 to provide the central member *c'* at one end and the separated members *c c* at the other end, said plate being bent upon itself to provide the blade *c²* and the central member *c'* crossed between the members *c c*, substan- 20 tially as shown and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN K. HUNTER.

Witnesses:

A. H. KIREL,
CAREY SNODDY.