

(No Model.)

F. J. OSMOND & R. H. HOUSMAN.  
TOE CLIP FOR PEDALS.

No. 591,685.

Patented Oct. 12, 1897.

Fig. 1.

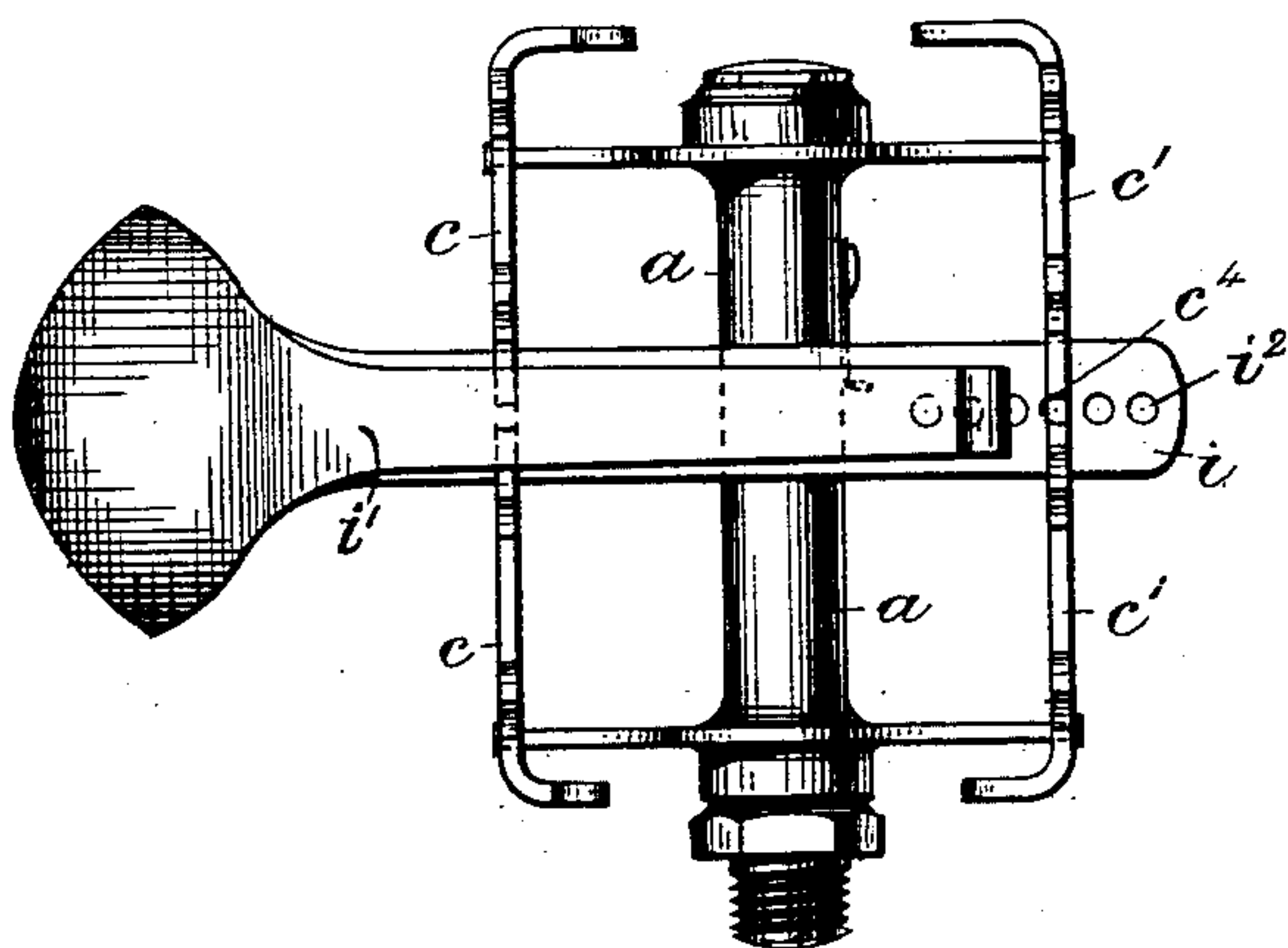


Fig. 2.

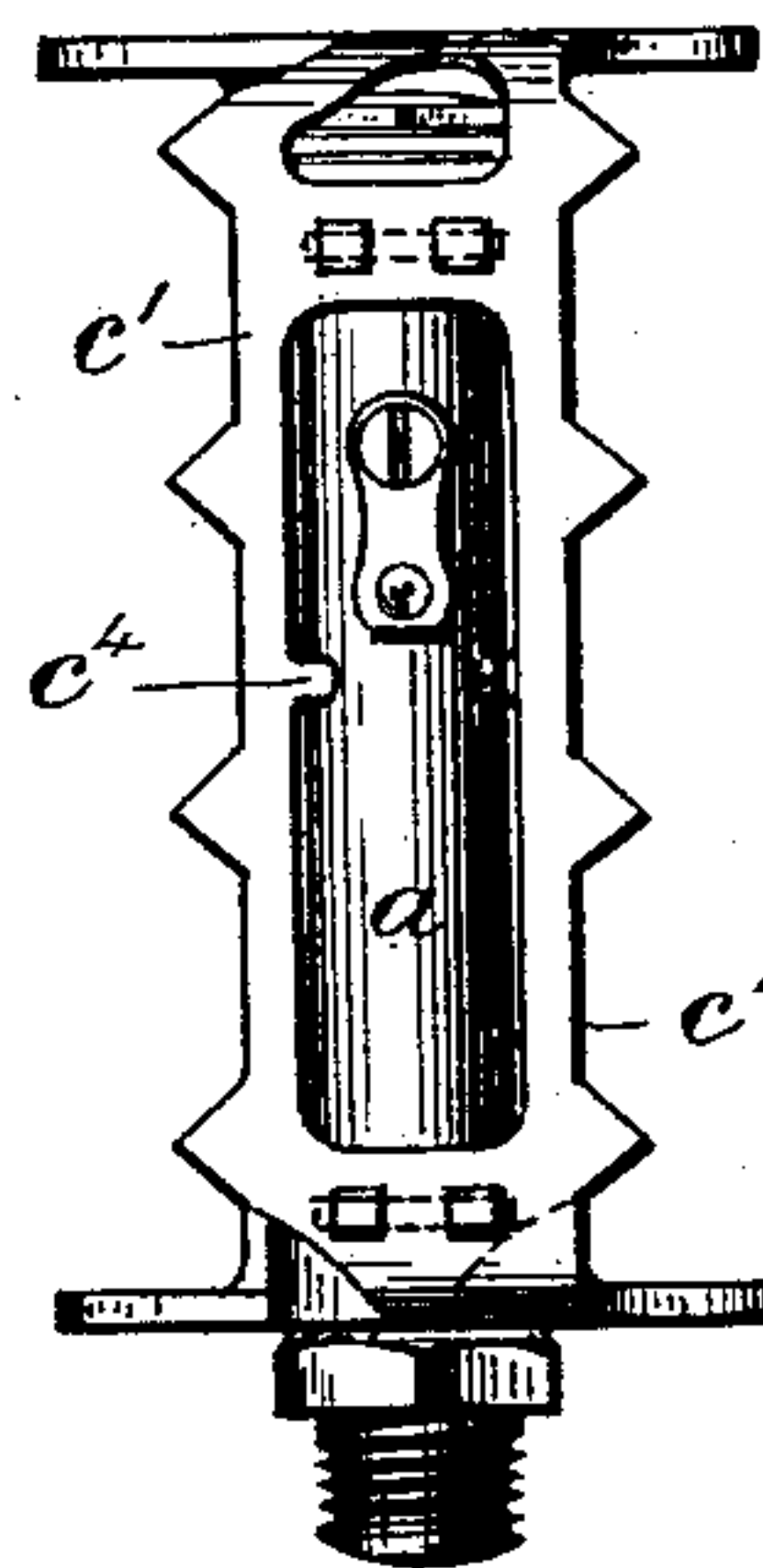
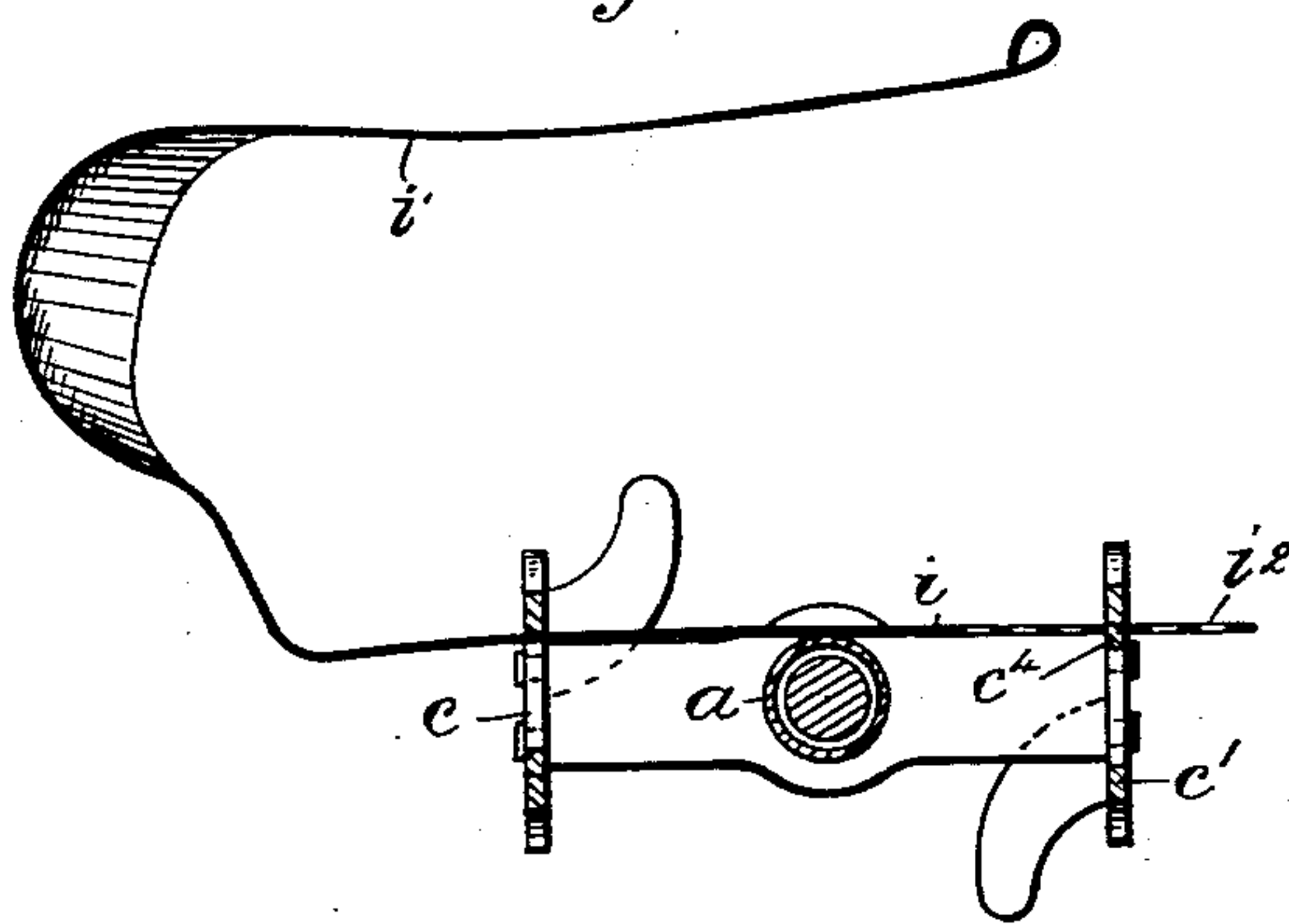


Fig. 3.



Witnesses;  
Nancy S. Woodland  
Robert Everett.

Inventors;  
Frederick J. Osmond.  
Robert H. Housman.  
By James L. Norris.  
Atty

# UNITED STATES PATENT OFFICE.

FREDERICK JOHN OSMOND AND ROBERT HOLDEN HOUSMAN, OF MOSELEY,  
ENGLAND.

## TOE-CLIP FOR PEDALS.

SPECIFICATION forming part of Letters Patent No. 591,685, dated October 12, 1897.

Application filed December 1, 1896. Serial No. 614,126. (No model.)

*To all whom it may concern:*

Be it known that we, FREDERICK JOHN OSMOND, mechanical engineer, residing at Chantry Road, and ROBERT HOLDEN HOUSMAN, mechanical engineer, residing at No. 7 Brighton Place, Moseley, in the county of Worcester, England, subjects of the Queen of Great Britain, have invented certain new and useful Improvements in Toe-Clips for Pedals, of which  
10 the following is a specification.

This invention has for its object to provide a new and improved toe-clip attachment, the construction being such that the toe-clip can be adjusted on the pedal to suit the conditions required and is susceptible of lateral swinging motions while in actual use. This  
15 object is accomplished in the manner and by the means hereinafter described and claimed, reference being made to the accompanying  
20 drawings, in which—

Figure 1 is a plan view of the pedal provided with our improved toe-clip. Fig. 2 is a detail view of the pedal, looking at one of the side plates or foot-pieces or foot-rests;  
25 and Fig. 3 is a longitudinal central sectional view showing the toe-clip in position.

In order to enable those skilled in the art to make and use our invention, we will now describe the same in detail, referring to the  
30 drawings, wherein the letter *a* indicates the barrel of the pedal, and *c c'* the side plates, which are rigidly connected with the barrel, as usual, and are constructed with slots extending longitudinally of the side plates, as  
35 clearly shown in Figs. 2 and 3.

The approximately-horizontal base-plate *i* of the toe-clip is formed or provided with the overhanging guard *i'*, and at the rear end portion the base-plate *i* is constructed with a  
40 series of perforations *i<sup>2</sup>*, suitably spaced apart

and preferably arranged in alinement, as best seen in Fig. 1. The base-plate *i* is extended through the longitudinal slots of the side plates *c c'* and lies above the barrel *a*. The rear end portion of the base-plate *i* is designed  
45 to engage, by any one of the perforations *i<sup>2</sup>*, with a rigid pin *c<sup>4</sup>*, projecting from one edge of the slot in the side plate *c'*, whereby the toe-clip can be adjusted to suit the foot of the rider or the conditions required. The  
50 actual length of the toe-clip is fixed by the engagement of the rigid pin *c<sup>4</sup>* with one of the perforations *i<sup>2</sup>*, and speaking with respect to this pin it is possible to lengthen or shorten the toe-clip. The toe-clip when engaged by  
55 one of its perforations *i<sup>2</sup>* with the rigid pin *c<sup>4</sup>* is susceptible of lateral swinging motion on the pin as a center, which is advantageous in the actual use of the device.

It is preferable to provide each of the side  
60 plates *c* and *c'* with a rigid pin, as *c<sup>4</sup>*, so that the toe-clip can be applied to the pedal without regard to which side of the latter is uppermost.

Having thus described our invention, what  
65 we claim is—

The combination with a pedal having longitudinally-slotted side plates, one of which is provided with a projecting pin, of an adjustable toe-clip inserted through the slotted  
70 parts of the side plates and having a plurality of orifices any one of which can be engaged with the aforesaid pin, for the purpose of adjusting the toe-clip to suit the rider, substantially as described.

FREDERICK JOHN OSMOND. [L. S.]

ROBERT HOLDEN HOUSMAN. [L. S.]

Witnesses:

RICHARD SKERRETT,

ARTHUR JOHN POWELL.