

(No Model.)

O. C. OEHLER.
ATTACHABLE BRAKE HANDLE.

No. 574,755.

Patented Jan. 5, 1897.

Fig. 1

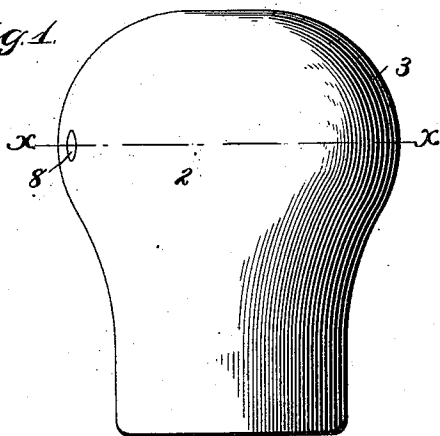


Fig. 2

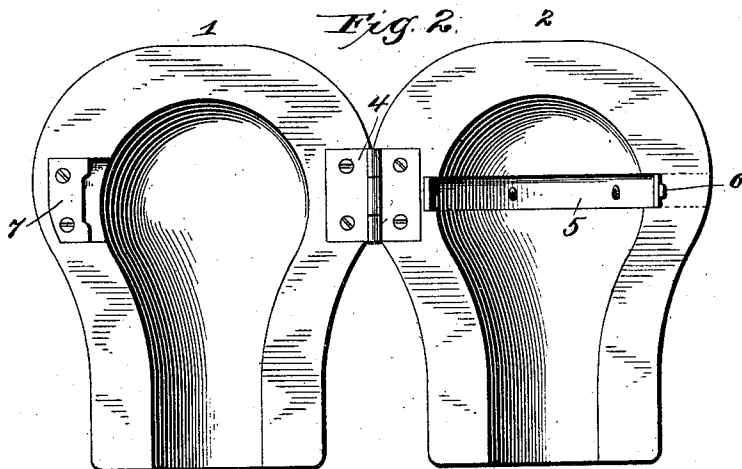
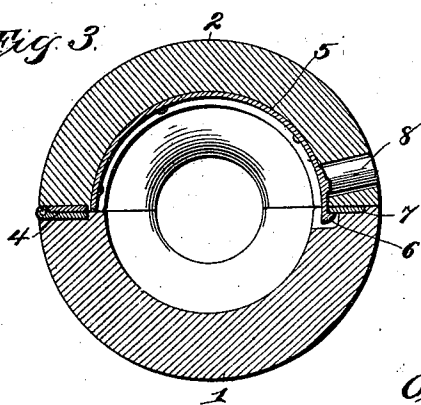


Fig. 3



Witnesses:

E. C. Wurdeman
A. Williamson

Inventor

Otto C. Oehler

By *Geo. H. Holgate*
Attorney

UNITED STATES PATENT OFFICE.

OTTO C. OEHLER, OF CRAMER HILL, NEW JERSEY.

ATTACHABLE BRAKE-HANDLE.

SPECIFICATION forming part of Letters Patent No. 574,755, dated January 5, 1897.

Application filed January 2, 1896. Serial No. 574,100. (No model.)

To all whom it may concern:

Be it known that I, OTTO C. OEHLER, a citizen of the United States, residing at Cramer Hill, in the county of Camden and State of New Jersey, have invented certain new and useful Improvements in an Attachable Brake-Handle, of which the following is a specification.

My invention relates to a new and useful improvement in brake-handles, and has for its object to provide a device of this description which may be readily applied to the ordinary metal handle of the brake for either cars or other vehicles, and which, when so applied, will be free to revolve upon the metal brake-handle, so as to avoid friction between the hand of the brakeman and the brake-handle; and also has for its object to prevent the absorption of heat from the hand of the brakeman by constructing it of a non-conducting material.

With these ends in view the invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claim.

In order that those skilled in the art to which my invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by number to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a side elevation of my improvement in its closed position; Fig. 2, a similar view of the device in its open position; Fig. 3, a section at the line *x x* of Fig. 1.

Similar numbers denote like parts in the several views of the drawings.

Heretofore considerable inconvenience and injury have been caused by the use of the ordinary metal brake-handle, which is generally of brass, and therefore in warm weather the perspiration of the brakeman's hand tends to form verdigris upon the brass, and this, as is well known, when absorbed by the pores of the skin, engenders blood-poison, and, again, in cold weather a metal handle absorbs a large amount of heat from the hand of the brakeman, which is objectionable; but by the use of my improvement these disad-

vantages are entirely overcome, and I construct my improved attachable handle in the following manner:

1 and 2 are sections of the handle 3, formed so as to produce a convenient shaped and sized handle when united and in their proper relative position. This handle is hollow, and the cavity therein is such as to fit over the ordinary handpiece of the metal brake-handle, the sections being coupled together by the hinge 4, secured thereto.

5 is a spring riveted to the inside of the section 2 and terminates in the latch 6, arranged to engage the plate 7, which is secured by screws or otherwise to the section 1 opposite the hinge. This spring is also provided with the thumb-knob 8, which projects through a suitable hole in the section 2, so that the latch may be thrown out of engagement with the plate 7, for the purpose of opening the sections to remove the device from the metal brake-handle.

The spring 5 is preferably countersunk, so as to be below the surface of the inside wall of the section 2, to prevent interfering with the metal brake-handle.

In carrying out my improvement I prefer to form the handle of wood or hard rubber; but of course any other non-conductor of heat would answer the same purpose, the object being to keep the hand of the brakeman warm.

It will be obvious from this description that my improved handle may be attached or detached, as occasion may require, by simply disengaging the catch from the plate, as before described, so that it is applicable for use in connection with a large variety of metal handles other than brake-handles, such as the various levers of a locomotive.

Another advantage of my improvement is that in revolving upon the metal handle the usual friction between the handle and hand is obviated, thus giving the operator better control of the brake.

Having thus fully described my invention, what I claim as new and useful is—

As a new article of manufacture, an attachable handpiece for brake-handles, consisting of two sections of non-conducting mate-

rial hinged together, a spring-catch counter-
sunk on the inside of one section, a pin con-
nected to the catch and passing through said
section flush with the outside thereof, and a
5 latch-plate secured to the other section adapt-
ed to be engaged by the latch, as and for the
purpose described.

In testimony whereof I have hereunto af-
fixed my signature in the presence of two sub-
scribing witnesses.

OTTO C. OEHLER.

Witnesses:

S. S. WILLIAMSON,
DAVID B. RISTINE.