No. 803,867. PATENTED NOV. 7, 1905.

W. E. WRIGHT.

SAND CAP FOR VEHICLE WHEELS.

APPLICATION FILED MAY 25 1905.

Fig. 1.

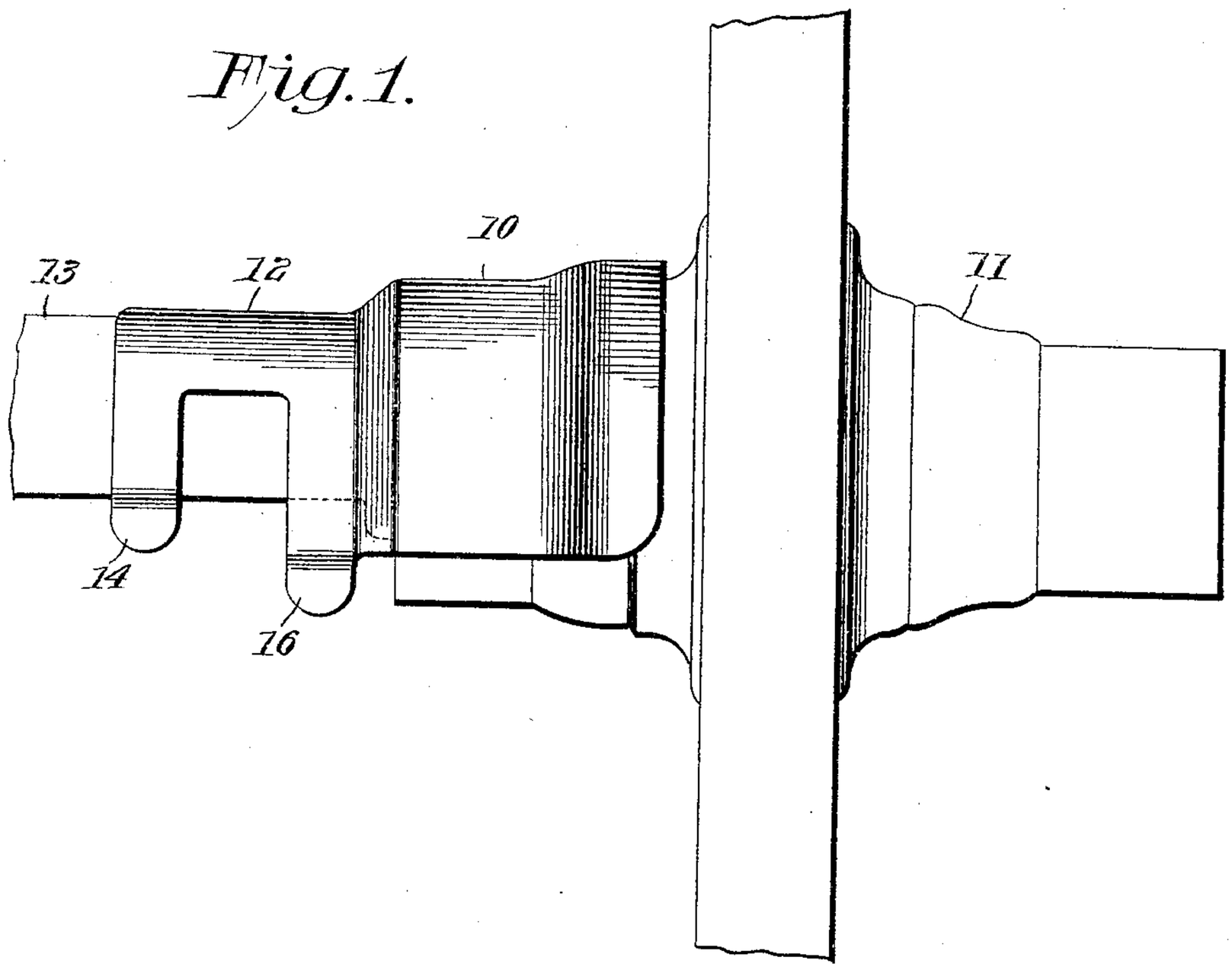
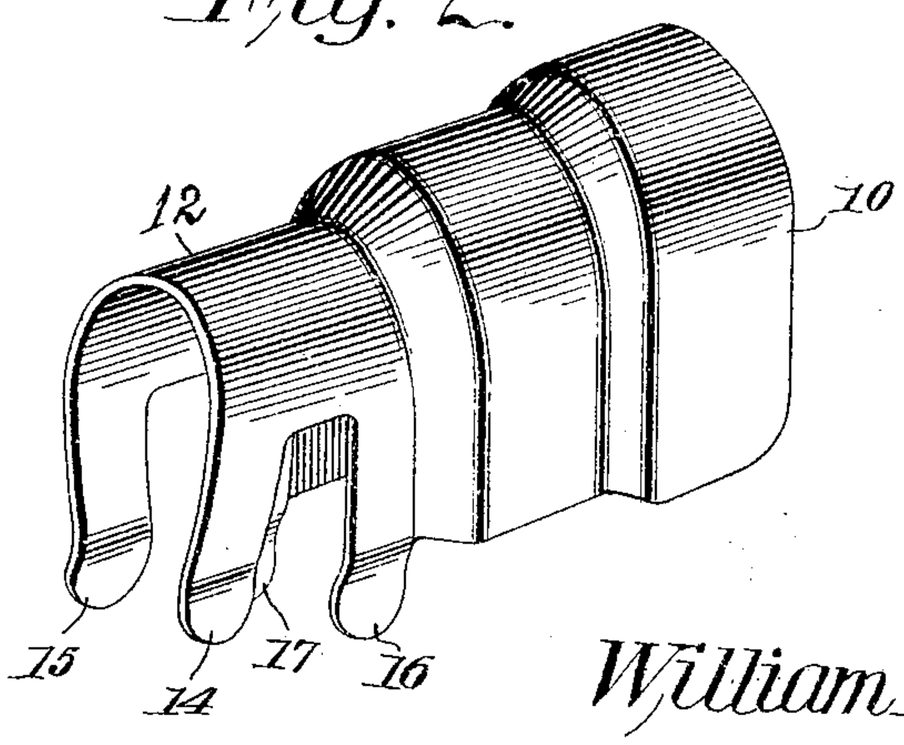



Fig. 2.




Witnesses

E. F. Stewart

E. N. Woodward

William E. Wright,

Inventor

by Church & Co.

Attorneys

# UNITED STATES PATENT OFFICE.

WILLIAM E. WRIGHT, OF MAY, TEXAS.

## SAND-CAP FOR VEHICLE-WHEELS.

No. 803,867. Specification of Letters Patent. Patented Nov. 7, 1905.

Application filed May 25, 1905. Serial No. 262,250.

*To all whom it may concern:*

Be it known that I, WILLIAM E. WRIGHT, a citizen of the United States, residing at May, in the county of Brown and State of Texas, have invented a new and useful Sand-Cap for Vehicle-Wheels, of which the following is a specification.

This invention relates to vehicle wheels and axles, and has for its object to provide a simply-constructed and easily-applied device whereby sand and grit are excluded and the axle-journal effectually protected therefrom.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings, Figure 1 is a side elevation of the improved device applied. Fig. 2 is a detached perspective view of the improved device.

The improved device is formed from a single sheet of metal, preferably steel, and consists of a hood portion 10, conforming to the inner end of the hub, (represented at 11,) merging into a neck portion 12, conforming substantially to the axle, (represented at 13,) and provided with spaced depending arms 14, 15, 16, and 17, curving toward each other at the ends, for firmly embracing the axle and supporting the guard thereon by the inherent resiliency of the arms.

The neck portion of the device can thus be forced down upon the axle with the hood portion extending over the hub and be held thereon with sufficient firmness to prevent accidental displacement, while at the same time it is readily removable when required.

The resiliency of the holding-arms will be sufficient to prevent displacement by any concussions or jarring to which the device will be subjected while in use.

The device is simple in construction, effective in action, and can be manufactured at small expense and adapted to any of the various forms of vehicle hubs and axles manufactured.

Having thus described the invention, what is claimed is—

1. A sand-guard for vehicles made from a single sheet of metal and comprising a hood portion conforming to the hub and merging into a neck portion conforming substantially to the axle and embracing the same and with depending arms embracing the axle from opposite sides and supporting the guard thereon by the inherent resiliency of the arms.

2. A sand-guard for vehicle-hubs comprising a single sheet of metal embodying a hood portion conforming to and covering the inner end of the hub and merging into a neck portion having spring-arms removably engaging the axle upon opposite sides and adjacent to the hub.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM E. WRIGHT.

Witnesses:

O. T. BRUTON,

R. B. FLOYD.