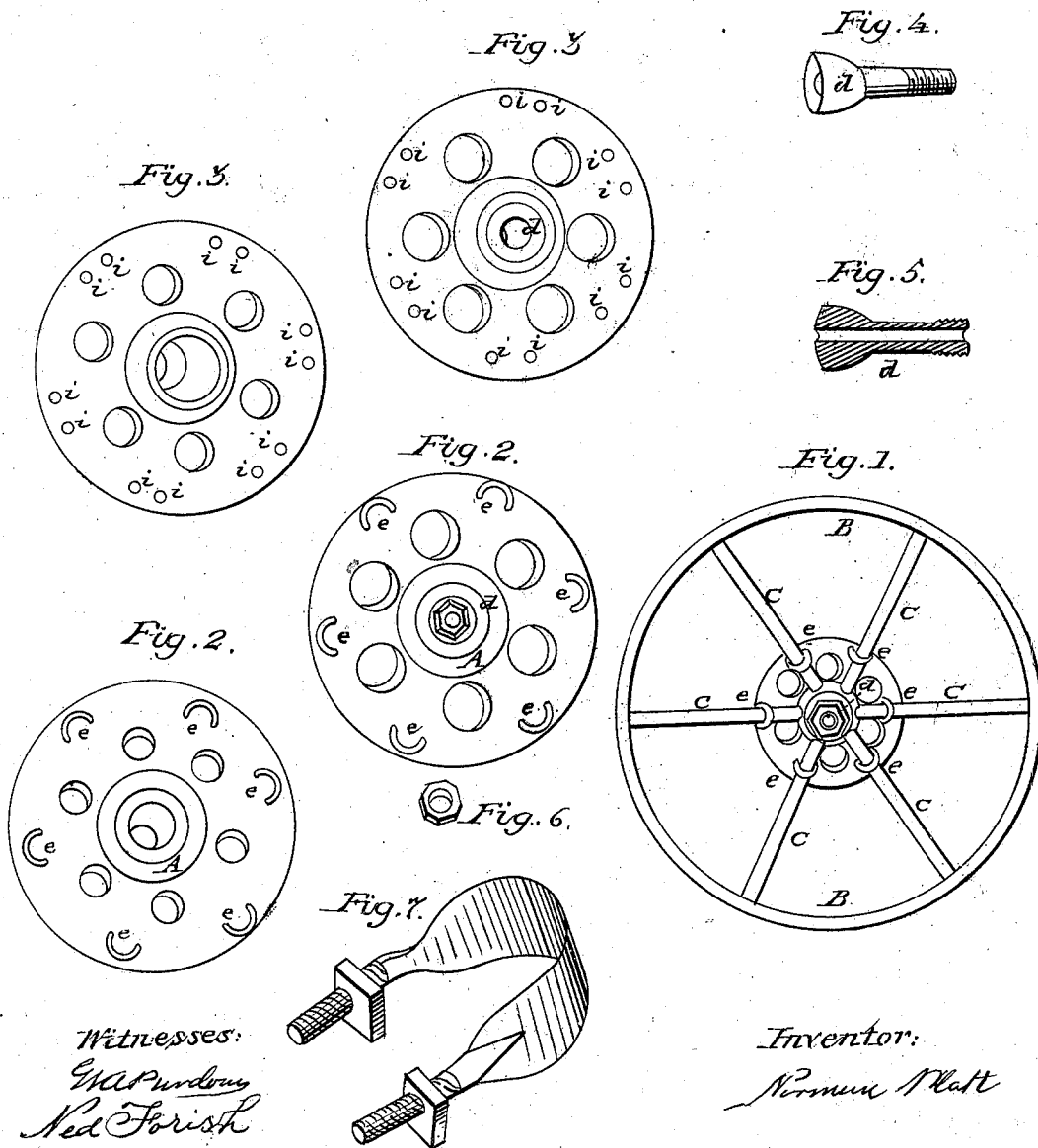


N. PLATT.

Hub.

No. 21,083.

Patented Aug. 3, 1858.



UNITED STATES PATENT OFFICE.

N. PLATT, OF JACKSON, MISSISSIPPI.

HUB FOR CARRIAGE-WHEELS.

Specification of Letters Patent No. 21,083, dated August 3, 1858.

To all whom it may concern:

Be it known that I, NORMAN PLATT, of the city of Jackson, in the county of Hinds and State of Mississippi, have invented a new and useful Improvement on the Hub of Carriage, Wagon, and Buggy Wheels, and do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 exhibits the full view of the wheel and hub complete as seen in the wheel detached from the axle, and on the side that runs next to the body of the carriage, wagon or buggy; Fig. 2 is a view of the hub on the same side; Fig. 3, a view of the hub on the other or outside; Fig. 4 is a side view of the boxing for the hub; Fig. 5 a longitudinal section of the same; and Fig. 6 the tap or female screw that secures the boxing firmly in its place.

The letters refer to the same parts in the different drawings.

A is the hub; B rim of the wheel; C spokes; *d*, the boxing; *e, e, e, e*, clips through which the spokes pass, *i, i, i*, riveted, or tap and screw fastened ends of the clips.

Fig. 7 is a larger sized clip with the screw and tap appliance.

The nature of my invention consists in casting a metallic hub, with a flange, upon which latter are clips through which the

spokes pass, thus adding much strength to the wheel, while the hollow in the hub is cast sufficiently large to receive a cast boxing, which latter is larger on the outside than it is at the inside end, with a screw cut on the smaller or inside end, and a tap to screw thereon, so as to draw it up close and compact.

Among the many advantages of economy and durability, not the least is the facility of detaching the boxing when it becomes worn and replacing it with new boxing, and thus causing the hub to last an indefinite time.

I know that metallic hubs are not new, nor are clips to secure the spokes, perhaps, a novelty, nor is cast boxing as such the subject of a patent, while the peculiar construction and the mode of securing the one I have described, may be; still;

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

The combination of a flanged metallic hub, for carriage, wagon and buggy wheels, with clips to stay and strengthen the spokes, together with a metallic boxing for said hub, secured by a swelled head screw and tap substantially as described.

NORMAN PLATT.

Witnesses:

W. A. PURDOM,
NED FORISH.