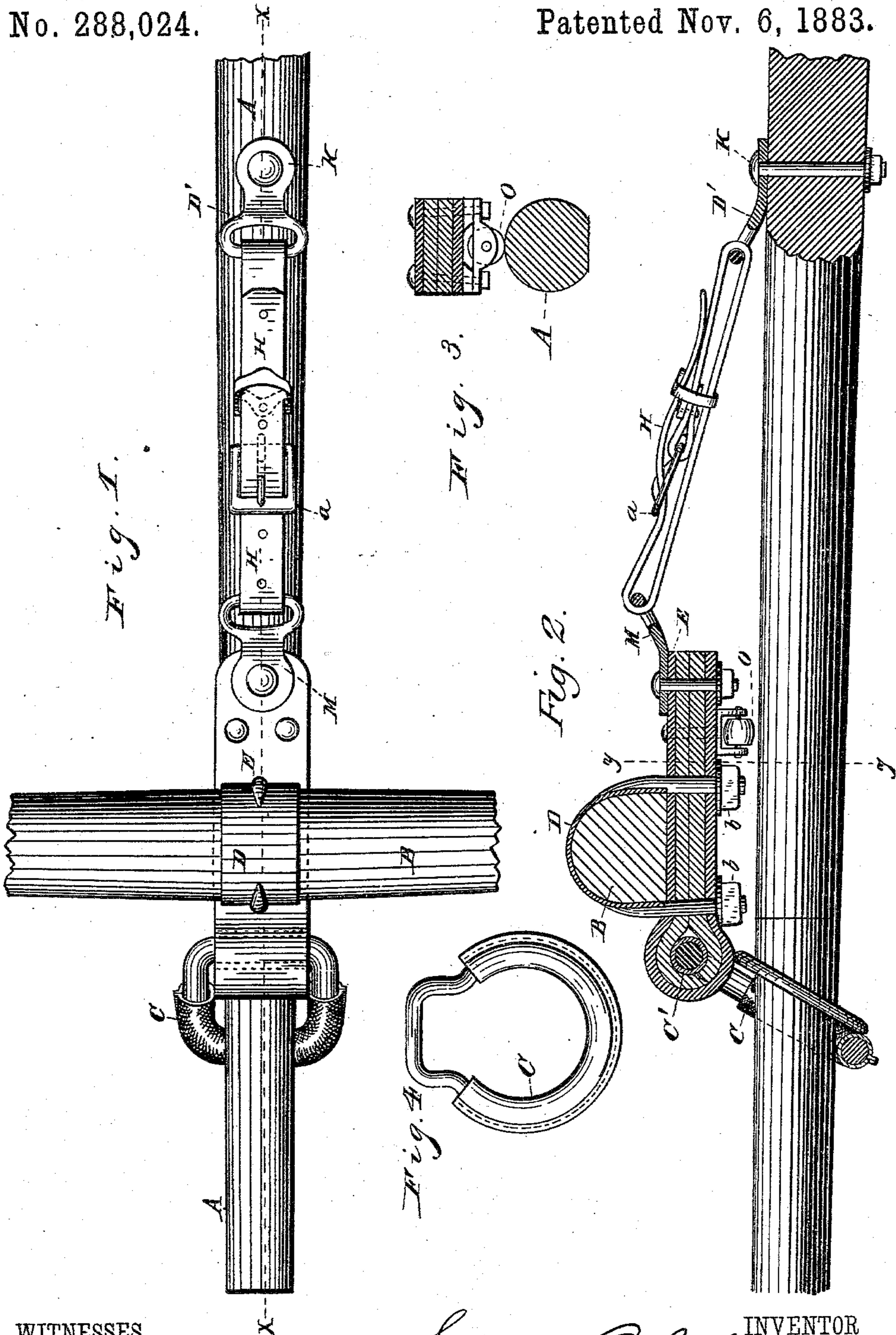


(Model.)

S. COLAHAN.
NECK YOKE HOLDER.

No. 288,024.

Patented Nov. 6, 1883.



WITNESSES
W. Engel
Geo. H. King

Samuel Colahan INVENTOR

ATTORNEYS

UNITED STATES PATENT OFFICE.

SAMUEL COLAHAN, OF CLEVELAND, OHIO.

NECK-YOKE HOLDER.

SPECIFICATION forming part of Letters Patent No. 288,024, dated November 6, 1883.

Application filed August 25, 1883. (Model.)

To all whom it may concern:

Be it known that I, SAMUEL COLAHAN, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Improvement in Neck-Yoke Holders when attached to the tongues or poles of wagons or carriages, of which the following is a specification.

The object of my improvement consists in the construction of a plate made of leather, banded by metal or any other suitable material and its attachments to secure the pole and the neck-yoke together in a manner whereby great strength and durability are secured, while at the same time the desired flexibility is admitted. I attain these objects by the mechanism or mode of construction illustrated in the accompanying drawings, in which—

Figure 1 is a plan view, looking down from the top. Fig. 2 is a sectional view, showing the construction and operation of the parts. Figs. 3 and 4 are detailed views.

A is the tongue or pole. B is the neck-yoke. C is the ring, through which the tongue A passes, and which is firmly secured in the straps or bands E. D is the staple, in which the neck-yoke is secured firmly to the straps or bands E by means of the nuts *b b* and their washers. C' is a bushing or thimble, in which ring C is journaled to receive the wear and prevent friction on the strap. O is a roller,

secured to the under side of the strap E, to prevent friction or wear on the pole, and to admit of its playing freely. M is an angular strap-holder, firmly secured to the neck-yoke plate E, while a corresponding holder, D', is attached to the pole by means of the bolt K and a strap, H, said strap passing through the holders and connected by a buckle, *a*, whereby the plate E is drawn down and held firmly to the pole.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination and arrangement of the ring C, its bushing C', and straps or plate E, with the neck-yoke B and its staple D, substantially as shown and described.

2. The plate or strap E, its friction-roller O, in combination with the pole and neck-yoke, substantially as shown and described.

3. The combination and arrangement of the neck-yoke, its strap and friction-roller, and pole-ring, with the angular strap-holders M and D', the strap H, and the bolt K, whereby the neck-yoke is permitted free movement, and at the same time is firmly secured, substantially as and for the purpose set forth.

SAMUEL COLAHAN.

Witnesses:

ALBERT E. LYNCH,
GEO. W. KING.