(No Model.)

A. F. SPOHR.

SINGLE TREE CLIP.

No. 284,772. Patented Sept. 11, 1883.

Fig. 1.

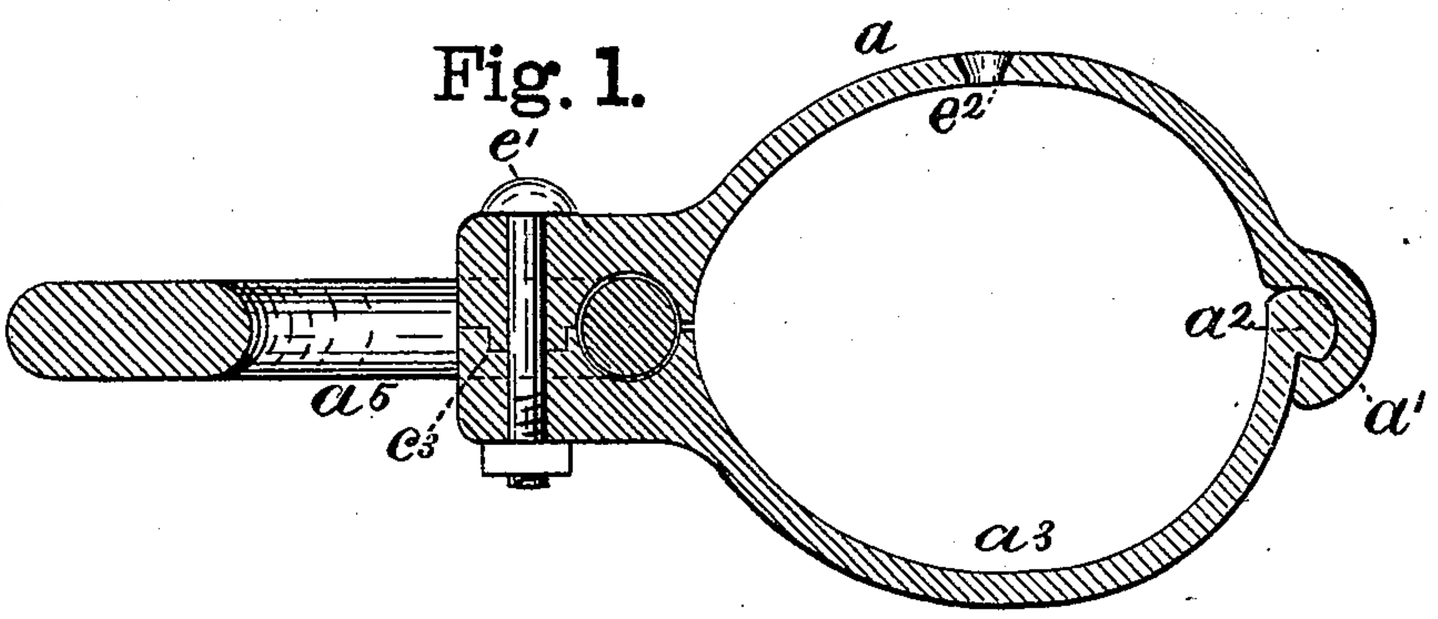

Fig. 2.

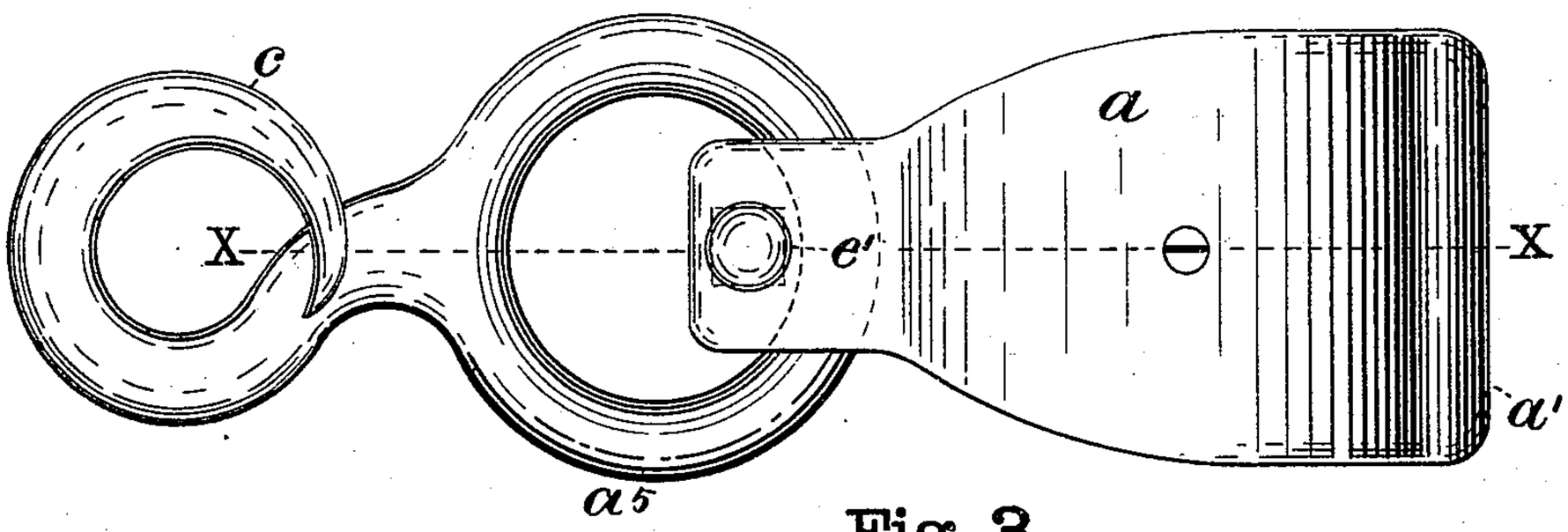

Fig. 3.

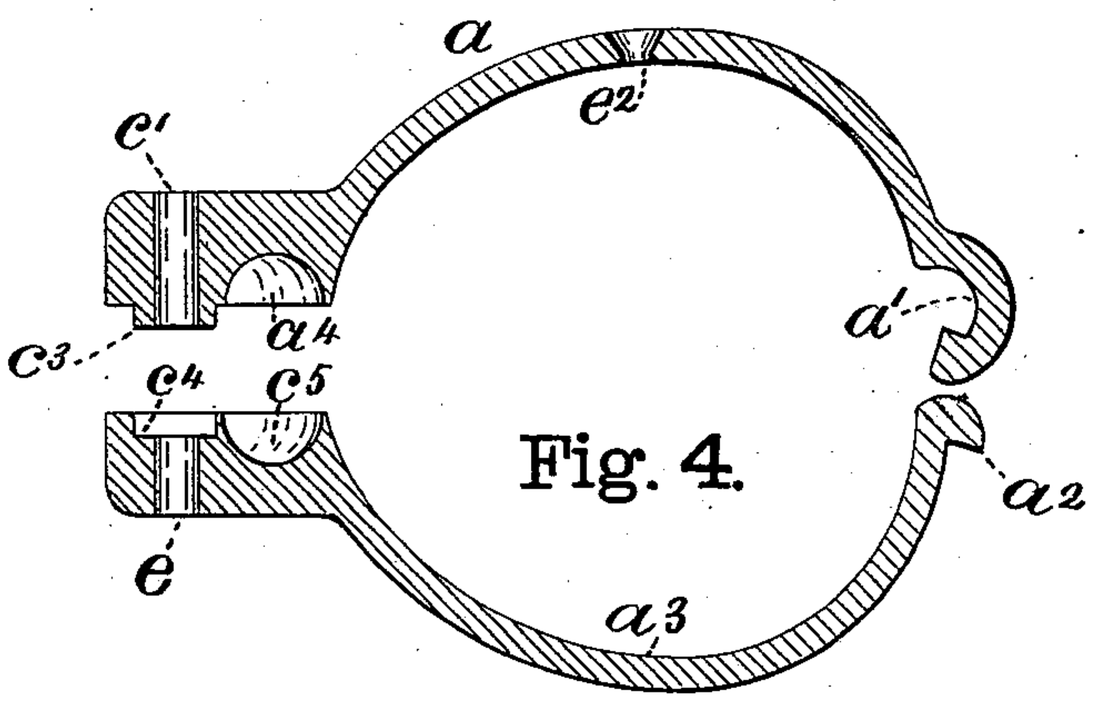

Fig. 4.

Witnesses.

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UNITED STATES PATENT OFFICE.

ALFRED F. SPOHR, OF GRAND ISLAND, NEW YORK, ASSIGNOR OF ONE-HALF TO JOHN STORTZ, OF SAME PLACE.

SINGLE-TREE CLIP.

SPECIFICATION forming part of Letters Patent No. 284,772, dated September 11, 1883.

Application filed June 11, 1883. (No model.)

To all whom it may concern:

Be it known that I, ALFRED F. SPOHR, a citizen of the United States, residing in Grand Island, in the county of Erie and State of New York, have invented certain new and useful Improvements in Single-Tree Clips, of which the following is a specification.

My invention relates to single-tree clips for wagons; and it consists of a clip made in parts, so as to be easily taken apart or put together, and certain details of construction, all of which will be fully and clearly hereinafter shown by reference to the accompanying drawings, in which—

Figure 1 is a vertical longitudinal section through line X X, Fig. 2. Fig. 2 is a top view of the device complete. Fig. 3 is a vertical longitudinal central section through one-half of the clip, and Fig. 4 is a vertical section through the opposite half of the clip.

The upper half, *a*, is formed or cast in one piece, and is provided with a hook-shaped or interlocking portion, a', adapted to engage with the portion a^2 on the opposite half, a^3.

a^4 is a curved or concave depression, adapted to receive a portion of the ring a^5 of the hook *c*. It is also provided with a hole, c', through which the bolt e' passes, and a slight square or other equivalently-shaped projection, c^3, adapted to fit into a depression, c^4, in the part a^3, for the purpose of holding those ends securely together.

c^5 is a depression in the part a^3, similar to the curved depression a^4 in the part *a;* and *e* is the bolt-hole. In Fig. 1 the two parts are shown secured together at the back end by the hooped portions a' a^2, and at the front end by the bolt e', and inclosing the ring a^5, so as to hold it securely in position.

The hook *c* may be made in any well-known way, or a simple ring may be used in its place.

The construction of the parts is such that but little strain comes on the bolt.

e^2 represents a screw-hole, through which a screw is put into the single-tree. If desired, there may be two or more of such holes for securing it more firmly.

The way of putting the several parts together is clearly shown in Fig. 1.

I claim as my invention—

A single-tree clip consisting of the parts *a* a^3, provided with the hook-shaped or interlocking portion a' a^2, the bolt-holes c' *e*, corresponding depressions a^4 c^5, a bolt, e', the parts c^3 c^4, and a ring or hook, as and for the purposes described.

ALFRED F. SPOHR.

Witnesses:
JAMES SANGSTER,
J. M. CALDWELL.