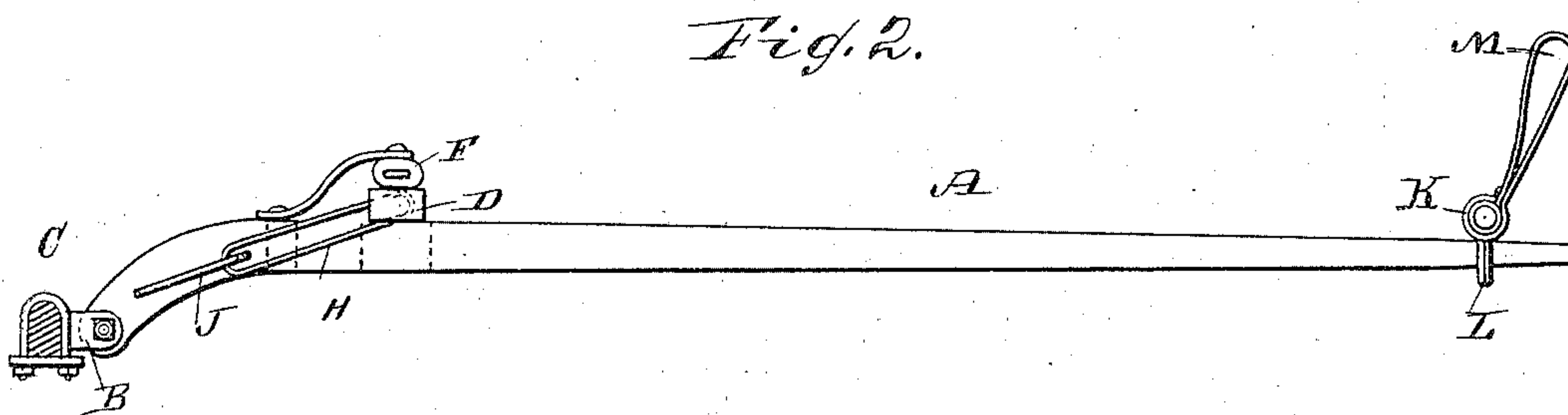
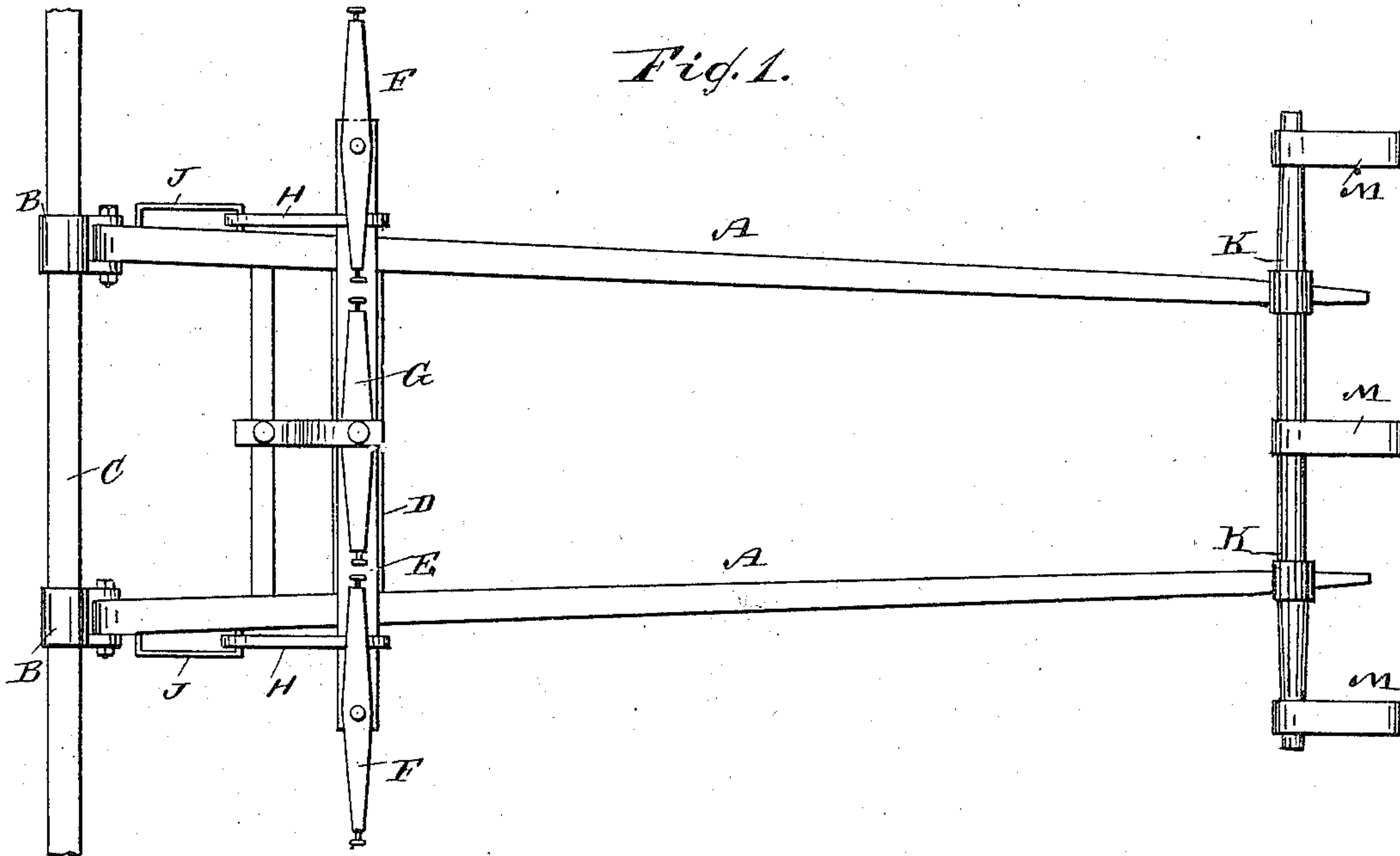


(No Model.)

J. & A. S. SCOTT.
VEHICLE SHAFT.

No. 312,021.

Patented Feb. 10, 1885.



WITNESSES:

Theo. G. Norton
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UNITED STATES PATENT OFFICE.

JOHN SCOTT AND AMOS S. SCOTT, OF CALN TOWNSHIP, CHESTER COUNTY,
PENNSYLVANIA.

VEHICLE-SHAFT.

SPECIFICATION forming part of Letters Patent No. 312,021, dated February 10, 1885.

Application filed October 25, 1884. (No model.)

To all whom it may concern:

Be it known that we, JOHN SCOTT and AMOS S. SCOTT, both of Caln township, in the county of Chester and State of Pennsylvania, have invented a new and useful Improvement in Vehicle-Shafts, of which the following is a full, clear, and exact description.

The object of our invention is to provide certain new and useful improvements in vehicle-shafts, whereby three horses can be hitched on the shafts usually arranged for one horse.

The invention consists in the combination, with two thills, of a triple-tree pivoted on a cross-piece of the same, a single-tree on the middle and one on each end of the triple-tree, and of straps passed around the ends of the double-tree and through loops on the sides of the thills.

The invention also consists in a neck-yoke bar held on the free ends of the shafts and provided with three straps.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a plan view of our improved shafts. Fig. 2 is a side view of the same, parts being in section.

The shafts or thills A are pivoted to clips B, held on the front axle, C, in the usual manner. Near their rear ends they are united by a cross-piece, D, on the center of which a triple-tree, E, is pivoted, having a single-tree, F, pivoted on each end. A single-tree, G, is pivoted on the middle of the triple-tree E. Straps H, passed around the end parts of the

triple-tree outside of the thills, are passed through loops J on the outer sides of the thills to prevent either end of the triple-tree being swung forward too far. On the front ends of thills a cross-bar, K, is held by eyes L, secured on the rod K, and through which the ends of the thills pass. On the middle and on each end of the bar K a strap, M, is secured, which are adapted to be secured to the horses' collars, the bar K being the neck-yoke. Three horses can thus be hitched to the two shafts A. If but one horse is to be hitched, the triple-tree E and the two single-trees F and the neck-yoke are removed.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination, with the thills A, of the triple-tree E, the single-trees F F G, the straps H, passed around the ends of the triple-tree, and of the loops J on the sides of the thills, through which loops the straps H are passed, substantially as herein shown and described.

2. The combination, with the thills A, of the triple-tree E, the single-trees F G, the straps H, passed around the ends of the triple-tree and through loops J on the sides of the thills, the cross-bar K on the free ends of the thills, and of the straps M, secured on the said bar, substantially as herein shown and described.

JOHN SCOTT.
AMOS S. SCOTT.

Witnesses:

S. H. SCOTT,
M. L. SCOTT.