

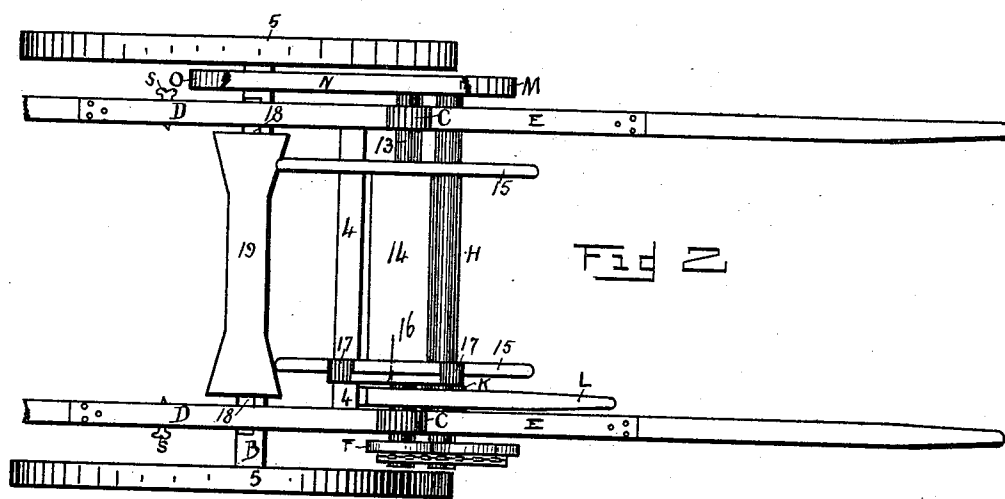
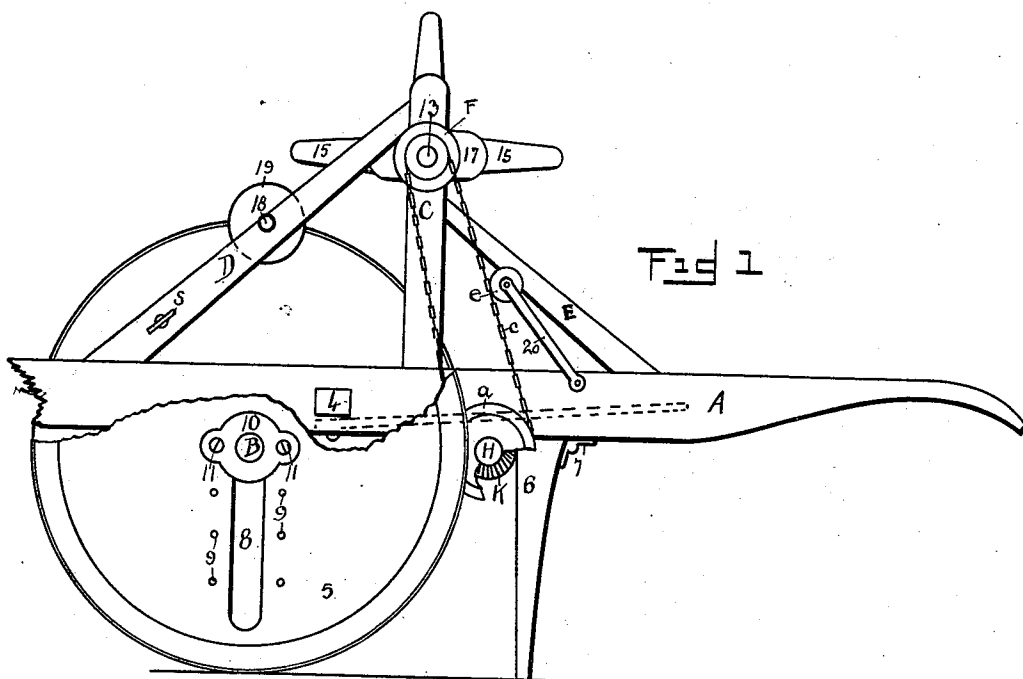
(No Model.)

2 Sheets—Sheet 1.

H. H. SIEH.
COMBINATION CART.

No. 562,043.

Patented June 16, 1896.



WITNESSES:

G. T. Baker.

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INVENTOR

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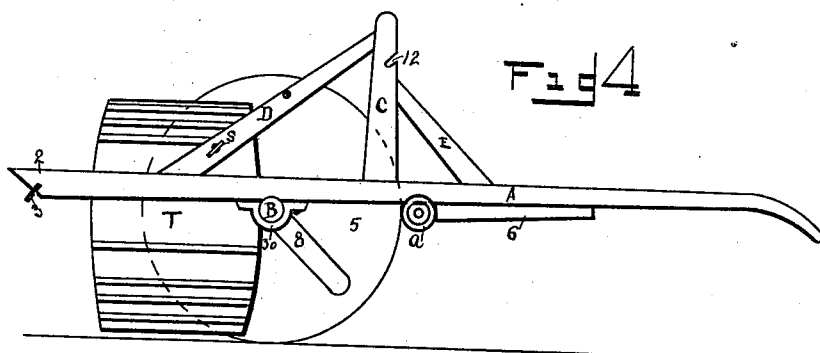
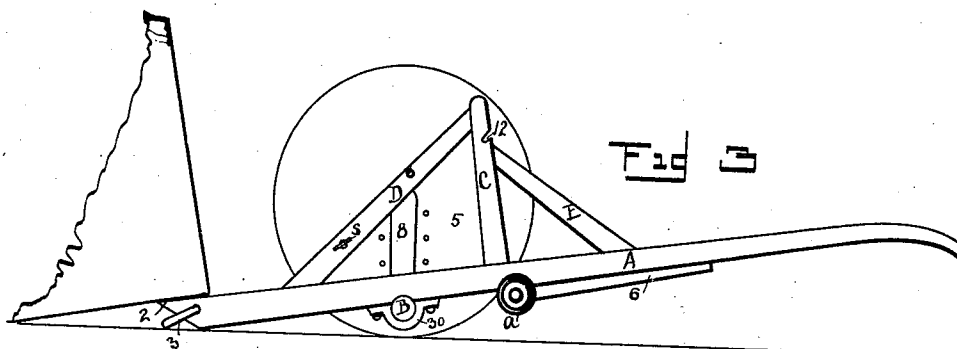
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2 Sheets—Sheet 2.

H. H. SIEH.
COMBINATION CART.

No. 562,043.

Patented June 16, 1896.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HANS H. SIEH, OF MILLARD, NEBRASKA.

COMBINATION-CART.

SPECIFICATION forming part of Letters Patent No. 562,043, dated June 16, 1896.

Application filed October 8, 1895. Serial No. 565,088. (No model.)

To all whom it may concern:

Be it known that I, HANS H. SIEH, residing at Millard, in the county of Douglas and State of Nebraska, have invented certain useful Improvements in Combination-Carts; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention has relation to a new and novel improvement in combination-carts, the object being to provide a device that shall be simple of construction, readily operated, and be adapted to form a handy, useful device, especially adapted to be used by farmers.

In the accompanying drawings, Figure 1 shows a side elevation of my improved cart. Fig. 2 is a top view thereof. Fig. 3 shows my improved cart arranged as a stump-puller or lifting-lever, while Fig. 4 discloses my improved combination-cart used as a water-carrier.

A represent two levers of any suitable length, which are provided at one end with operating-handles and at the remaining end being preferably provided with the pointed shoe 2. These levers are used in pairs and connected by means of a transverse brace 4 and the shaft B, which shaft is provided with two ordinary supporting-wheels 5. In front the levers are further provided with folding legs 6, secured by means of the hinge 7. These wheels 5 are preferably disk-shaped, though spoke-wheels could be used, and are provided with a radial slot 8, adapted to receive the supporting-shaft B, as is shown in Fig. 1. The shaft B is secured to the wheels 5 by means of the journal-boxing 10, which boxing is provided with the set-screws 11 11, adapted to work within the openings 9 9.

Extending upward from the levers A are two standards C C, provided with the braces D and E. The standards C are further provided with openings 12, adapted to removably hold a shaft 13, as is shown in Figs. 1 and 3. This shaft 13 is adapted to hold an ordinary spool-frame 14, such as is used in winding ordinary wirefencing. These spools are provided with an opening through which

the shaft 13 extends to secure the spool 14, which is provided with the usual spool-arms 15. I employ a locking-arm 16, which is provided with the branching arm 17, adapted to encompass one of the spool-arms and so secure the spool to the shaft 13. Positioned in front and somewhat below the shaft 13 is a spool-shaft 18, provided with a guiding-spool 19, as is shown in Fig. 1. This shaft is held within the braces D E. The spool-shaft 13 is further provided with a speed-pulley F, as is shown in Figs. 1 and 2. Positioned transversely to and secured to the levers A is a driving-shaft H, which shaft is provided with a speed-pulley *a*, adapted to receive a chain or the belt *c*, adapted to work over the speed-pulleys F and *a*. To counteract any slack of this chain, I provide the roll *d*, secured to a bar 20, which bar in turn is pivoted to one of the levers, as is shown in Fig. 1. The shaft H is provided near one end with a friction-pulley K, upon the top of which a lever L is adapted to work, this lever L being pivoted to the bar 4, as is shown in Fig. 2. At the remaining end this shaft H is further provided with an ordinary pulley M, over which a belt N is made to pass.

The main shaft B is provided with a pulley O, which is also adapted to receive the belt N, so that the movement of the axle B is transferred to the shaft H, as is shown in Fig. 2. The braces D E are further provided with supporting-screws S. This arrangement of instrumentalities would comprise my invention.

When my cart is used as a wire-reel, I use a full arrangement of instrumentalities, as described.

In using the device to wind up wire fencing, for instance, it would simply be necessary to secure one end of the wire to the spool and then feed the cart forward, the wire passing over the guiding-spool 19 and being fed upon the wire-spool 14, the power being transmitted from the revolving shaft B to the shaft 8, and from thence to the shaft 13.

Should my device be used for a stump-puller, I would first remove the spool 19, as well as the spool-frame 14, the shaft 13, the connected chain *c*, and, removing the screws 11, bring the levers down in the slot 8 of the main wheels 5, as shown in Fig. 3, so that

the boxing 10 would act as a fulcrum, being held by the wheels 5, which fulcrum could of course be raised, if desired. By the arrangement of this device as shown in Fig. 3
5 movable boxes and other things could be nicely raised up by means of these power-levers.

The device is further nicely adapted to be used as a water-cart, in that a barrel can be
10 supported by means of the screws S between the frame, as shown in Fig. 4.

The device is of great use in service on a farm and is simple and readily adjustable.

Now, having thus described my said invention, what I claim as new, and desire to obtain
15 by United States Letters Patent, is—

1. The combination of the following instrumentalities, to wit: supporting-wheels, said wheels being provided with a radial slot, a
20 supporting-axle, a journal-boxing adapted to be adjustably secured within said radial slot, supporting said main axle and connected levers mounted upon said supporting-shaft, all substantially as and for the purpose set forth.

25 2. The combination with a pair of support-

ing-wheels, being provided with radial slots, journal-boxings adjustable within said radial slots, a shaft within said boxing, connected levers secured to said shaft, a frame secured to said connected levers and hand-screws
30 passing through said levers to work into a carrying-receptacle, all substantially as and for the purpose set forth.

3. The combination of the wheels, 5, provided with the slot, 8, of the adjustable boxing, 10, the shaft, B, the shaft being provided with the pulley, O, the connected levers, A, A, the shaft, H, said shaft being provided with a pulley, M, the connecting-pulley, N, the pulley, a, the standards, C, D, and E, the
40 shaft, 13, the connected chain, c, the locking-arm, 16, all substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HANS H. SIEH.

Witnesses:

HY. BUCKHAUS,
G. W. SUES.