

No. 682,124.

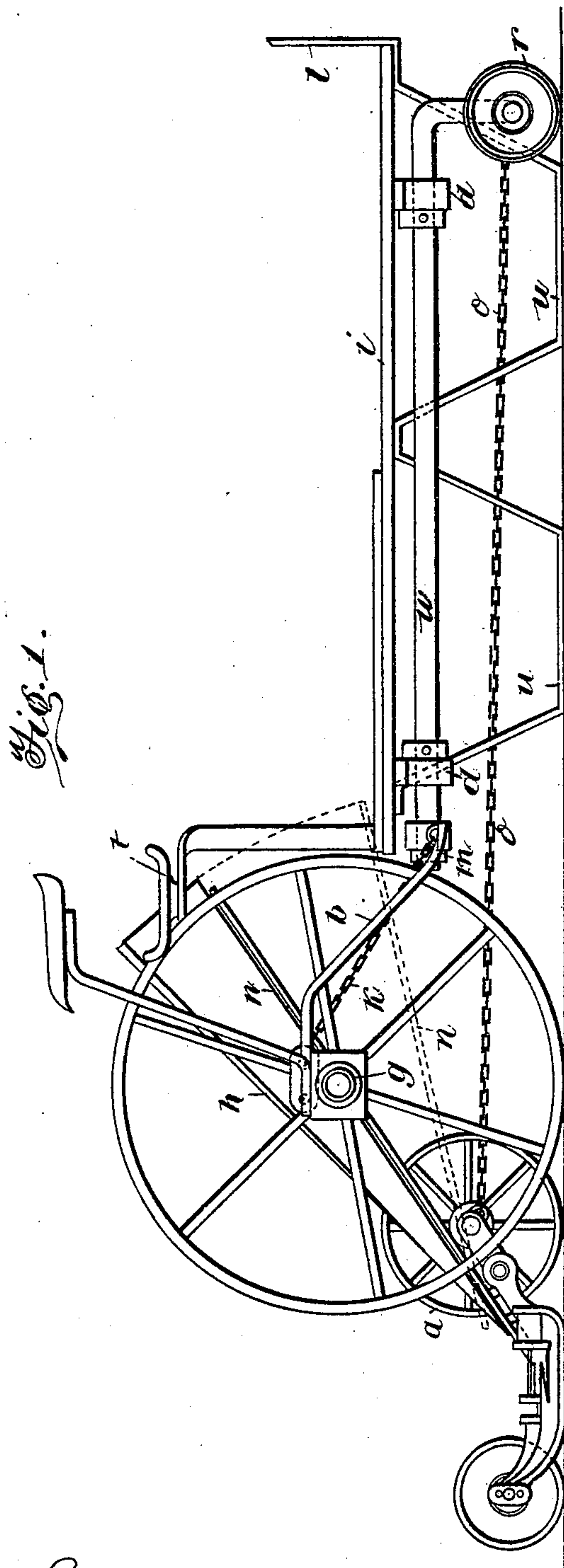
Patented Sept. 3, 1901.

C. ANDRESEN.
MOWING OR REAPING MACHINE.

(Application filed Jan. 26, 1901.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses

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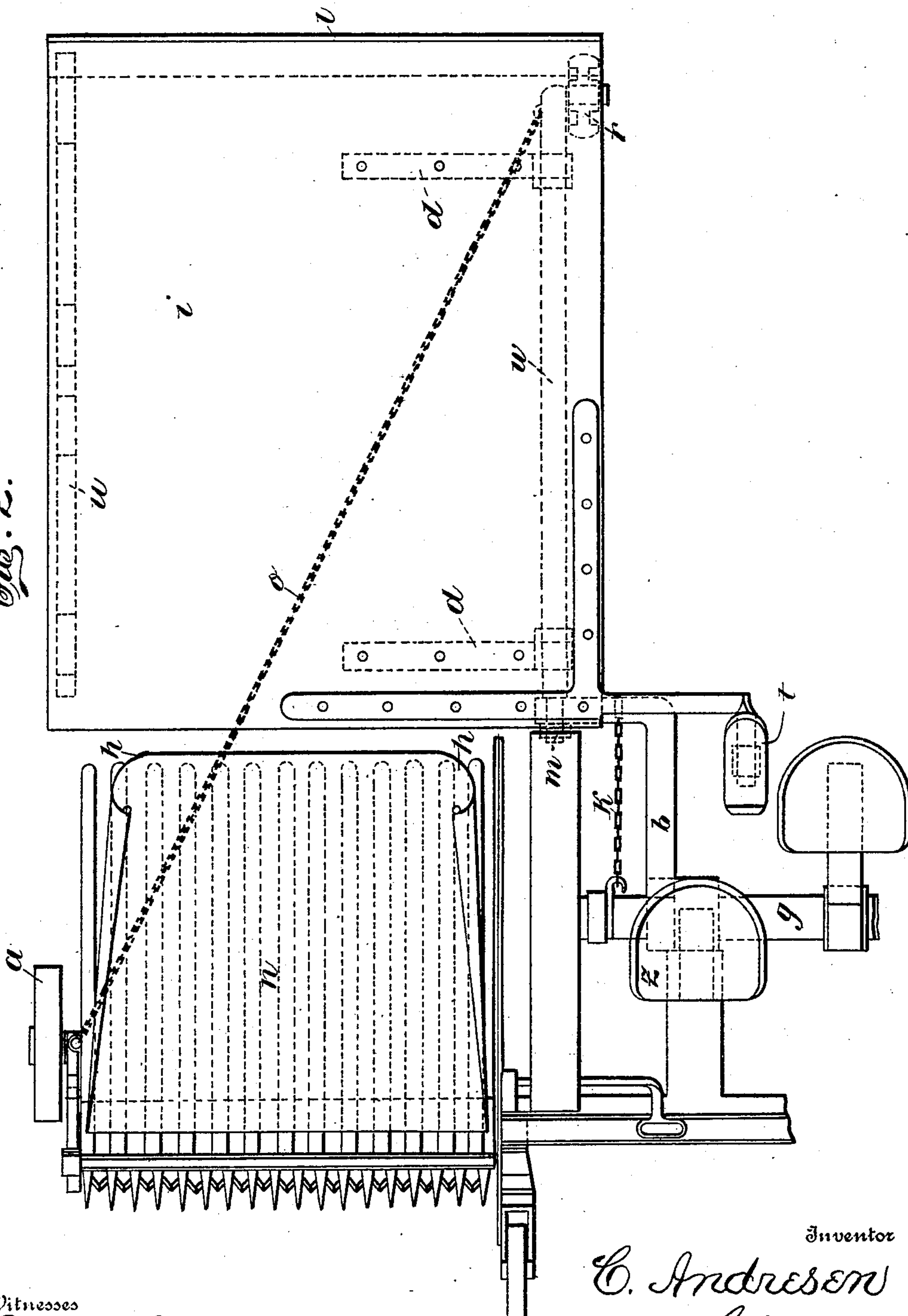
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2 Sheets--Sheet 2.

Fig. 2.



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UNITED STATES PATENT OFFICE.

CHRISTIAN ANDRESEN, OF DOLLERUP, GERMANY.

MOWING OR REAPING MACHINE.

SPECIFICATION forming part of Letters Patent No. 682,124, dated September 3, 1901.

Application filed January 26, 1901. Serial No. 44,854. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN ANDRESEN, a subject of the Emperor of Germany, residing at Dollerup, Sleswick-Holstein, Germany, have invented certain new and useful Improvements in Mowing or Reaping Machines, of which the following is a specification.

In grass cutting or mowing machines having a hand-raking-platform device attached to adapt it as a reaping-machine in order to allow of wheat being cut and raked off the wheat is pushed off by the workman by means of a hand-rake, thus tipping down the platform, so that the wheat falls on a part of the ground over which the machine must pass on its next round. On small farms, for which these machines are principally intended and in which the necessary number of laborers is wanting, it thus becomes necessary after each round to bind the gavels and lay the sheaves to one side in order that the machine may again find room for its next round or journey.

The present invention has for its object to obviate the above-mentioned time-consuming drawback by providing behind the machine a tilting platform or table which receives the cut wheat and delivers it sidewise beyond the wheels of the machine, so that a space is cleared for the next passage of the machine and the reaping can be carried on continuously. In addition to this advantage the wheat when the table is tilted is delivered straight and close together, so that the gavel lies ready for binding.

The invention will now be described with reference to the accompanying drawings, in which—

Figure 1 is a side elevation of the machine, and Fig. 2 a plan view.

A backwardly-directed shaft *w*, which carries at its end a wheel *r*, resting on the ground, is mounted by means of a nut *m* on a bent arm *b*, attached to the frame *g* of the machine. A table or platform *i* is mounted laterally on the shaft *w* by means of hinge-straps *d*, so as to be free to turn or tilt, and at its other side is supported on the ground by means of bent arms *u*, shaped like sledge-runners. The table may be tilted on the shaft *w* by means of a treadle or foot lever *t*, attached to the table *i* and adapted to be operated from the driving-seat of the machine, the weight of said lever almost counterbalancing that of the table. A chain *k*, leading from the frame

g to the bent arm *b*, affords a not too rigid connection of the table *i* with the frame *g*, while a chain or link *o*, leading from the supporting-wheel *a* of the cutting and delivering apparatus *n* to the roller *r*, supporting the shaft *w*, facilitates the turning of the table when the machine is turned. A vertical plate *l* at the rear end of the table prevents the wheat falling off the latter.

In reaping with the machine as soon as the raker from his seat *s* has depressed the raking apparatus *n*, as shown in dotted lines in Fig. 1, which in this case is provided or covered with a zinc plate *h* to prevent the wheat falling through, and has pushed the wheat with a hand-rake onto the tilting table *i* the operator presses on the treadle-lever *t*, and thus tips the table *i*, thereby throwing the wheat in a straight and dense mass laterally beyond the machine, so that the gavel thus formed lies ready for binding.

I declare that what I claim is—

1. In a mowing and reaping machine, the combination with the cutting devices and raking-platform, of a fore-and-aft shaft *w*, means for supporting and drawing said shaft at the rear of the machine, a receiving-table laterally hinged on said shaft behind the hand-raking platform, means for supporting the table on the ground, and a treadle or foot lever on said table adapted to almost counterbalance its weight and enable it to be tilted to throw the wheat laterally beyond the wheels, substantially as described.

2. In a mowing and reaping machine, the combination with the cutting devices and raking-platform, of a fore-and-aft shaft *w*, means for supporting said shaft on the machine-frame at one end, a wheel *r* for supporting said shaft on the ground at the other end, a receiving-table *i* hinged on said shaft at one side, and having sledge-runners *u* at the other side, means for tilting said table to throw the wheat laterally beyond the wheels of the machine, and chains *o* and *k* adapted to draw and assist in the supporting and steering of the table in a yielding manner, substantially as described.

In witness whereof I have hereunto signed my name, this 17th day of September, 1900, in the presence of two subscribing witnesses.

CHRISTIAN ANDRESEN.

Witnesses:

GUSTAV HERMES,
GUSTAV BUDACH.