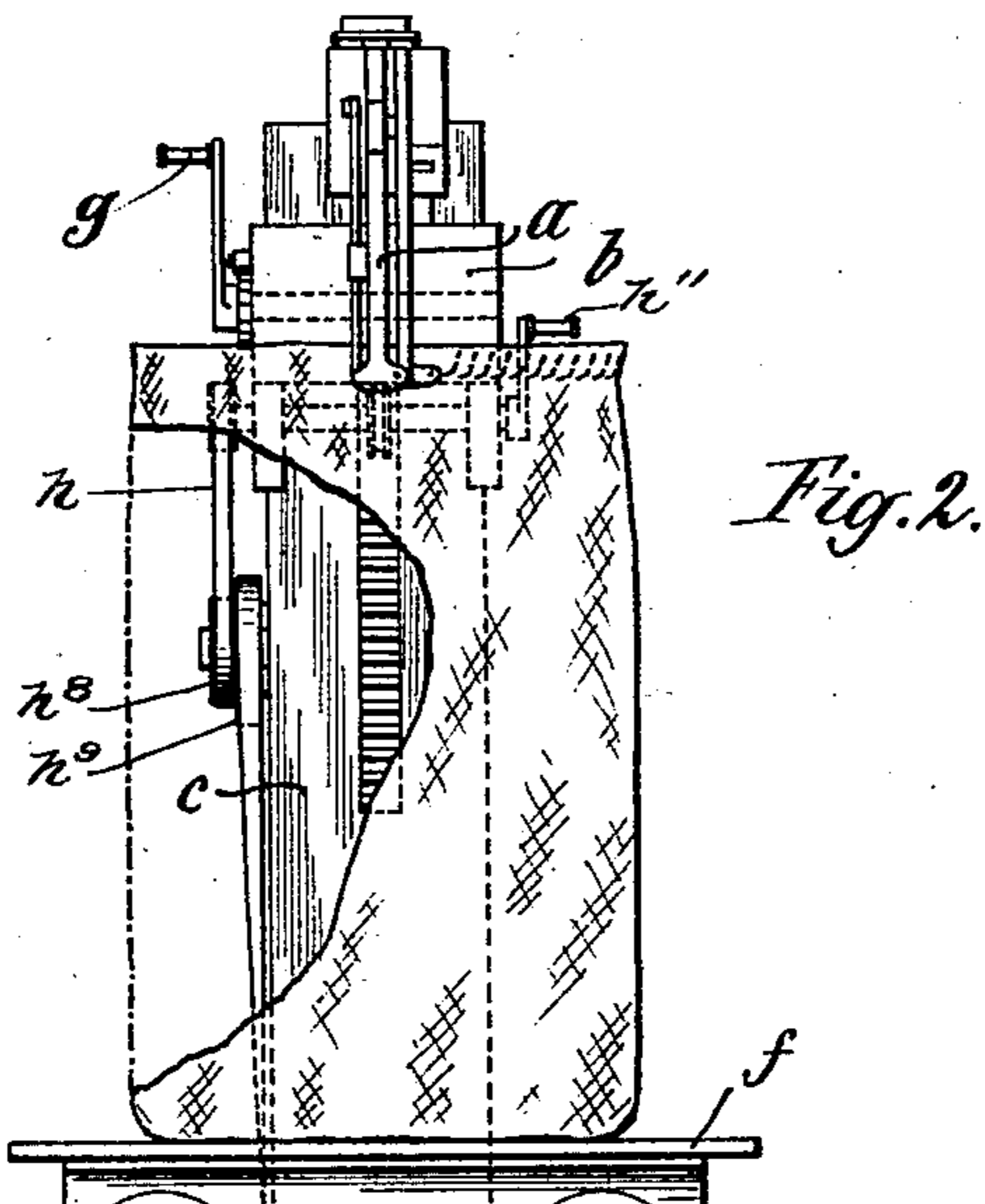
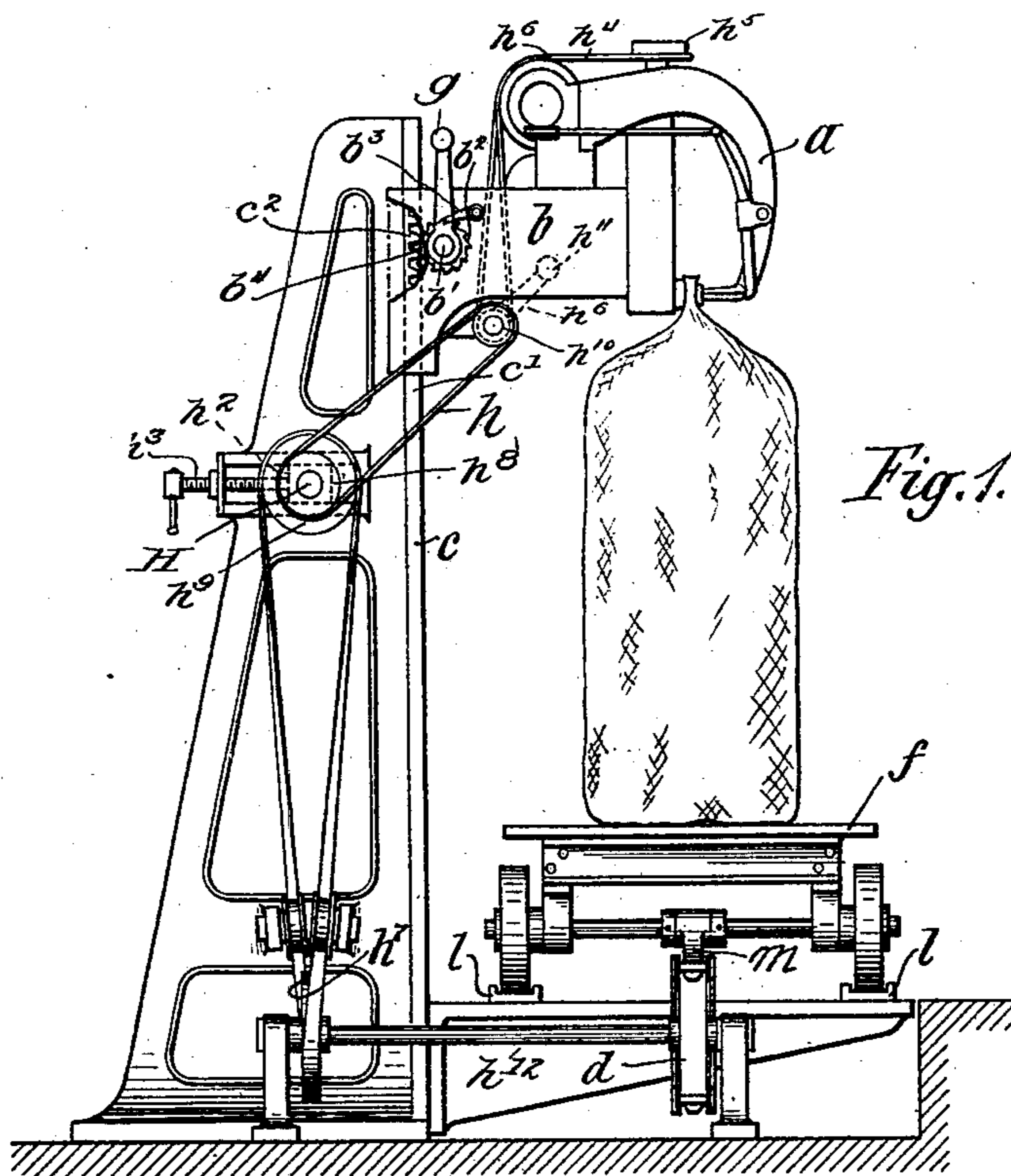


904,531.

Patented Nov. 24, 1908.



Witnesses.

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UNITED STATES PATENT OFFICE.

AUGUST VON HASPERG, OF HAMBURG, GERMANY, ASSIGNOR TO EWALD & COMPANY, OF HAMBURG, GERMANY.

BALE OR BAG SEWING MACHINE.

No. 904,531.

Specification of Letters Patent.

Patented Nov. 24, 1908.

Application filed February 18, 1908. Serial No. 416,576.

To all whom it may concern:

Be it known that I, AUGUST VON HASPERG, a citizen of the German Empire, residing at Hamburg, Germany, have invented certain new and useful Improvements in Bale or Bag Sewing Machines, of which the following is a specification.

My invention relates to improvements in bale or bag sewing machines for finally closing the filled bag or bale.

The object of the improvements is to provide automatic means for feeding the bales to the machine, and in operative position relatively to the sewing mechanism, and for removing the same from the machine after completing the sewing process. By providing a mechanism of the character indicated, the machine may be operated by an unskilled laborer who, simultaneously, may operate several machines.

For the purpose of illustrating the invention, I have shown an example embodying the same in the accompanying drawing, in which the same letters of references have been used in all the views to indicate corresponding parts. While, in the said drawing, I have shown a machine embodying certain mechanisms, I wish it to be understood, that my invention is not limited to the mechanisms illustrated.

In the said drawing—Figure 1, is a side view of a machine embodying the invention, and Fig. 2, is a front view of the same.

The sewing machine proper and its stitching mechanism are mounted on a head *b* supported on a vertical pillar *c* and having a vertical adjustment thereon.

As shown the head *b* moves on ways *c'* formed on the pillar *c* and the latter is provided with a rack *c²* with which a rack wheel *b⁴* meshes. Said rack wheel *b⁴* is mounted on a crank or adjusting shaft *b'* journaled in the head *b* and provided with a ratchet and pawl arrangement *b² b³* whereby the shaft *b'* is locked in any desired position. It will be obvious that by rotating the crank *g* any desired vertical adjustment of the head *b* may be obtained and that when such vertical adjustment has been obtained the pawl and ratchet device will retain the head *b* in its position of adjustment.

H designates a shaft adapted for connection with a source of power, not shown, and said shaft is mounted in a bearing *h²* adapt-

ed to be adjusted by a threaded rod *h³* as shown. Pulleys *h⁸* and *h⁹* are mounted on said shaft *H* and pulley *h⁸* is belted by a belt *h* to pulley *h¹⁰* which may if desired be manually operated by the crank *h¹¹*. A belt *h⁴* is trained about pulleys *h¹⁰*, *h⁶* and *h⁵* to drive the sewing mechanism. The pulley *h⁹* is belted to a pulley *h⁷* on a shaft *h¹²* from which the carrier driving mechanism, hereinafter described, is driven. The chain passes over a pair of sprocket wheels *i*, *k* supported on the base of the machine. Parallel to the said chain, rails *l*, *l*, are located providing a suitable guiding support for a carriage *f* adapted to be moved below the sewing mechanism. The carriage is designed to receive the bales and to convey the same in operative position relatively to the sewing mechanism. For this purpose, it is moved within the reach of the chain, where it is coupled to the same so as to be automatically fed to the sewing mechanism, for which purpose any desired clutch mechanism may be provided such as a hook *m* connected to the carriage and adapted to engage one of the links of the chain. By the mechanism described, the carriage and the bale receive a forward movement according to the width of the stitches to be formed. The sewing mechanism has previously been so adjusted, that its needle can be stitched through the cloth and form the seam. As soon as the bale has passed below the sewing mechanism, the coupling mechanism, or hook *m* is disengaged from the chain, and the carriage is moved on the rails to any desired point.

I claim:

A filled sack sewing machine comprising in combination, a sewing mechanism, a car for supporting the sack and carrying it abreast of the sewing mechanism, an endless member, a driven shaft, instrumentalities operatively connecting said mechanism and member with said driven shaft to operate the same in unison, and means for connecting and disconnecting said car with and from said member.

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

AUGUST VON HASPERG.

Witnesses:

AGNES GOLDACK,

ERNEST H. L. MUMMENHOFF.