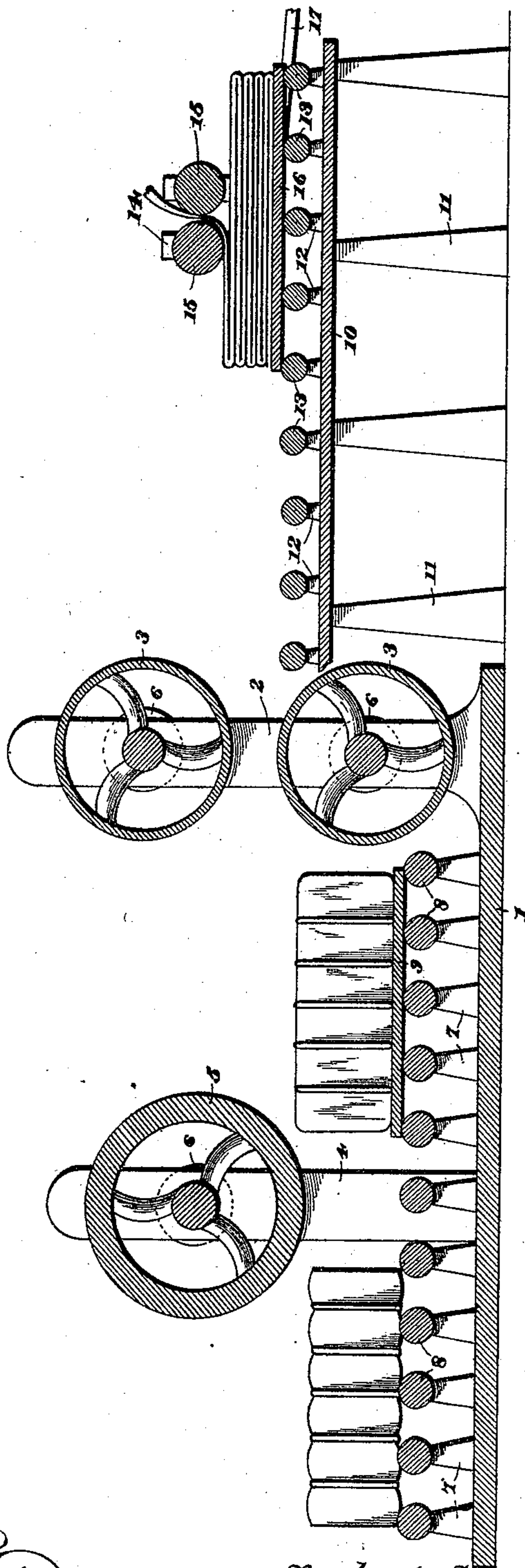


(No Model.)

H. REMBERT.  
METHOD OF COMPRESSING AND BALING COTTON BATTING.  
No. 429,640. Patented June 10, 1890.



Witnesses:

*J. M. Withers*  
*W. S. Howard*

By *J. H. S.* Attorneys

Inventor  
*Henry Rembert,*

*C. A. Snow & Co.*



# UNITED STATES PATENT OFFICE.

HENRY REMBERT, OF WILLIS, TEXAS.

## METHOD OF COMPRESSING AND BALING COTTON-BATTING.

SPECIFICATION forming part of Letters Patent No. 429,640, dated June 10, 1890.

Application filed November 21, 1889. Serial No. 331,082. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY REMBERT, a citizen of the United States, residing at Willis, in the county of Montgomery and State of Texas, have invented a new and useful Method of Compressing and Baling Cotton-Batting, of which the following is a specification.

This invention has relation to a method of compressing and baling cotton-batting.

The invention consists in certain steps hereinafter described, and particularly referred to in the claims.

Certain features of construction herein illustrated and described for practicing the method set forth are not herein claimed, as such form the subject-matter of a patent, No. 417,092, granted to me December 10, 1889.

In the accompanying drawing I have illustrated a longitudinal vertical section of a machine adapted for carrying out my method, and I will now proceed to describe the same in order that a fair understanding of the method as practiced may be had.

1 represents a bed, from one end of which rise opposite standards 2, between which there is journaled a pair of transverse rolls 3. At about the center of the bed there rises a second pair of standards 4, between which is journaled a single heavy roll 5, and upon the shaft that carries the roll there is mounted a pulley 6. Along the bed 1 and in rear of the standards 2 there is mounted a series of pairs of standards 7, said standards serving to support between each pair thereof small rollers 8. Upon the rollers 8, and adapted for movement over the same, there is mounted a carriage 9.

In front of the bed 1, upon suitable legs or standards 11, there is mounted a table 10, the rear end of which is slightly below the adjacent portions of the peripheries of the rolls 3, and upon the table there are mounted opposite pairs of short vertical standards 12, and between each pair loose rolls 13, the upper portions of the peripheries of the rolls being about on a line with the upper portions of the periphery of the lower one of the pair of rolls 3. 14 represents two pairs of opposite vertical standards rising from the table 10 at its front end, and between each pair there are loosely-mounted rolls 15.

16 represents a carriage mounted on the loose rolls 13, and connected by a pitman 17 to any suitable operating mechanism adapted

to reciprocate the carriage back and forth over the rolls 13 and under the rolls 15.

The operation of my invention is as follows: The cotton-batting is passed between the rolls 15 and the leading end held upon the carriage 16. The machinery being started and the carriage reciprocated folds the batting in alternate directions upon the carriage. The rolls 15 serve to primarily compress the batting upon the carriage, and after a sufficient number of layers have been piled upon the carriage and uniformly folded said carriage is run down to the rear end of the table, the web severed, and the piled batting passed between the rolls 3, where a still further compression takes place. The carriage 9 being in waiting receives the batting, and in this manner is loaded by a sufficient number of compressed sections to constitute a bale, after which it is passed under the slowly-revolving final compression-roller 5, and while under pressure from said roller the bale-bands are applied.

Having described my invention, what I claim is—

1. The herein-described method of forming bales from cotton-batting, the same consisting in, first, folding the cotton in successive layers and slightly compressing the same at their folds; second, severing the web at intervals into sections; third, subjecting the sections successively and independently to compression; fourth, piling the sections, and, fifth, subjecting the mass thus formed to a final compression, substantially as specified.

2. The herein-described method of forming bales from cotton-batting, the same consisting in, first, folding the cotton in successive layers and slightly compressing the same at their folds; second, severing the web at intervals into sections; third, subjecting the sections successively and independently to compression; fourth, piling the sections; fifth, subjecting the mass thus formed to final compression, and, sixth, binding or baling the same while under such compression, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

HENRY REMBERT.

Witnesses:

M. C. LESLIE,  
EDWIN HILL.