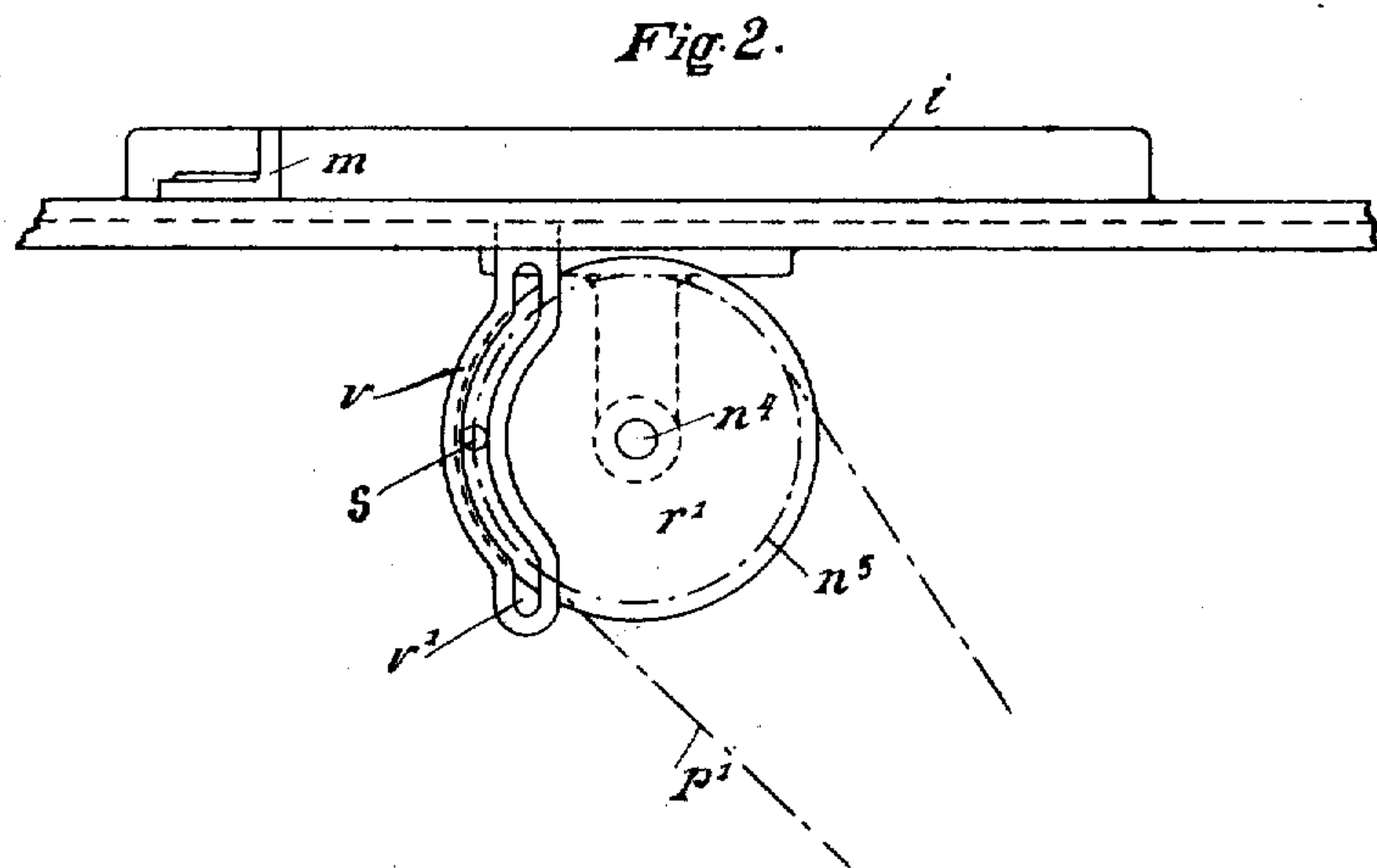
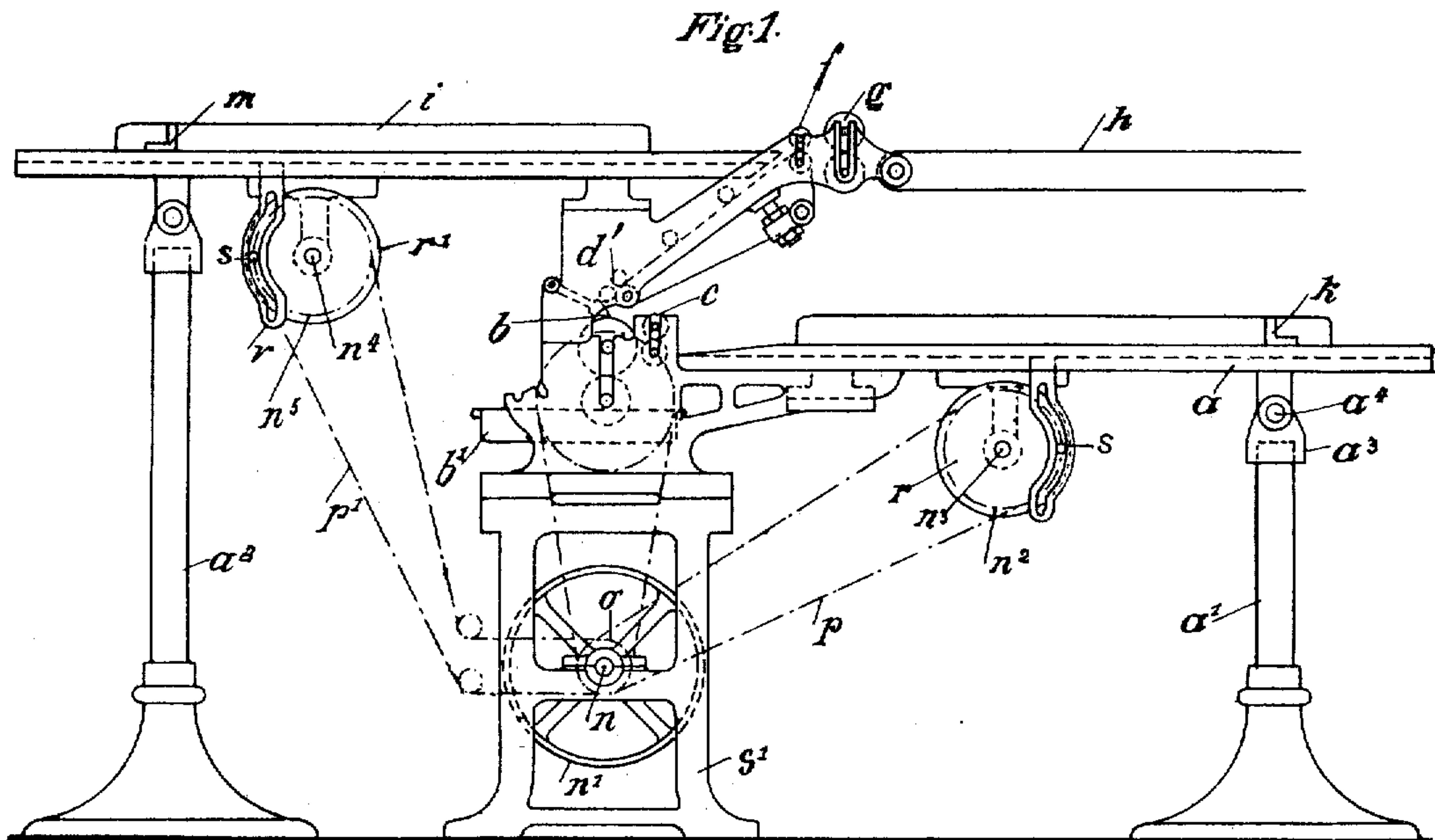


W. KELLNER.
MACHINE FOR COATING PASTEBOARD WITH PAPER AND THE LIKE.
APPLICATION FILED MAY 8, 1909.

938,586.

Patented Nov. 2, 1909.



Witnesses:
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WALTER KELLNER, OF LANGERFELD, NEAR BARMEN, GERMANY.

MACHINE FOR COATING PASTEBOARD WITH PAPER AND THE LIKE.

938,586.

Specification of Letters Patent.

Patented Nov. 2, 1909.

Application filed May 6, 1909. Serial No. 494,490.

To all whom it may concern:

Be it known that I, WALTER KELLNER, residing at Langerfeld, near the city of Barmen, Rhenish Prussia, Germany, a subject
5 of the Emperor of Germany, have invented a new and useful Improvement in Machines for Coating Pasteboard with Paper and the Like, of which the following is a specification.

10 My invention has reference to a machine by which paste board is glued together with paper textile or the like, and the object of my invention is to arrange for this purpose
15 the paper, said table having an oscillating or reciprocating motion, and means being provided to permit both fabrics after the gluing process to meet before the pressure
20 rolls in such a manner, that the front edge of the said paste board, and the front edge of the said paper or textile lining agree exactly with each other, and both are pressed
and pasted together in that manner.

My invention is fully illustrated in Figure
25 1 showing a side view of the complete machine and in Fig. 2 performing a detail of the table traveling means.

Like letters of reference indicate like parts in the drawings.

30 Referring to the said figures a^1 , a^2 are two standards of any convenient shape, carrying each at its head a^3 a table a , and i respectively which are pivotally connected with said standards by means of bolts. Accord-
35 ing to this arrangement the tables are capable to be oscillated or reciprocated respectively. For this purpose in a bedding s^1 of the machine is located a shaft n which is
40 revolved by a pulley n^1 , the motion of said shaft n is transmitted by a pulley o , a belt p , and a pulley n^2 to a shaft n^3 journaled in a suitable bearing of the table or support a .
In the same manner a shaft n^4 of the table i is revolved from shaft n and pulley o by a
45 belt p^1 and a pulley n^5 . On the said shafts n^3 and n^4 is mounted a disk r and r^1 respectively which is fitted each with a pin s said
pins being in engagement with the curved slot v^1 of a bar v which is mounted on said
50 table and it will now be easily understood

that the revolving disks r^1 cause to travel the tables a , i according to the structure of the slots v^1 to and fro and to transport thus the paper lying on the table a and the paste board being carried by the table i that they
55 may meet before the pressure rolling pairs f , g exactly edged. Before this can take place and paper fed to the said rollers f , g it is first glued passing for this purpose first the transporting rollers c then the glue
60 roller b which dips in the receptacle b^1 and being then guided by the rollers d^1 to the pressure rollers f meeting there the paste board. As the distance from the top of the glue roller b to the pressure rollers is
65 larger than the size of the paper to be treated the gluing operation can be effected in the best manner and the glue uniformly distributed over the surface of the paper so that folds in the same are avoided.

What I claim and desire to secure by Letters Patent is:

1. In a machine for lining paste board with paper, textile and the like the combination of a table carrying the paste board, and
75 a table carrying the paper, said tables being reciprocated, means to travel them, of a gluing apparatus arranged before the paper table and pressing rolls mounted before the paste board table and means to feed the
80 paper to the gluing device and the pressure rollers as described and for the purpose set forth.

2. In a machine for lining paste board with paper, textile and the like the combination of a table carrying the paste board, and
85 a table carrying the paper, said tables being reciprocated, a revolving disk fitted to each table and having a pin, a curved slotted bar engaging said pin and projecting from each
90 table support of a gluing apparatus arranged before the paper table, and pressing rolls mounted before the paste board table and means to feed the paper to the gluing device and the pressure rollers as described
95 and for the purpose set forth.

WALTER KELLNER. [L. s.]

Witnesses:

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