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Patented Apr. 3, 1900.

A. W. THIERKOFF.
MECHANICAL BILL CARRYING APPARATUS.

(Application filed July 20, 1899.)

(No Model.)

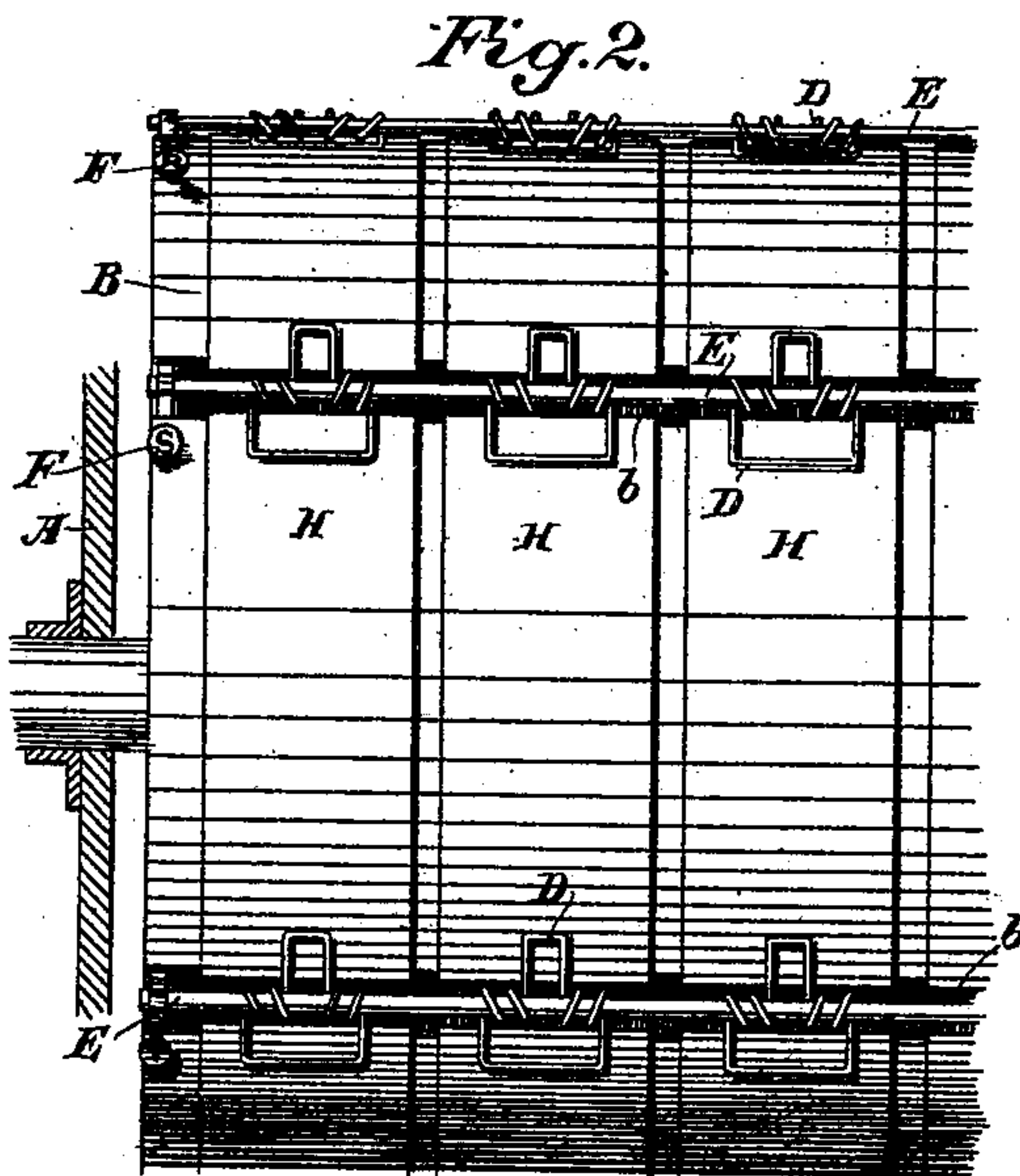
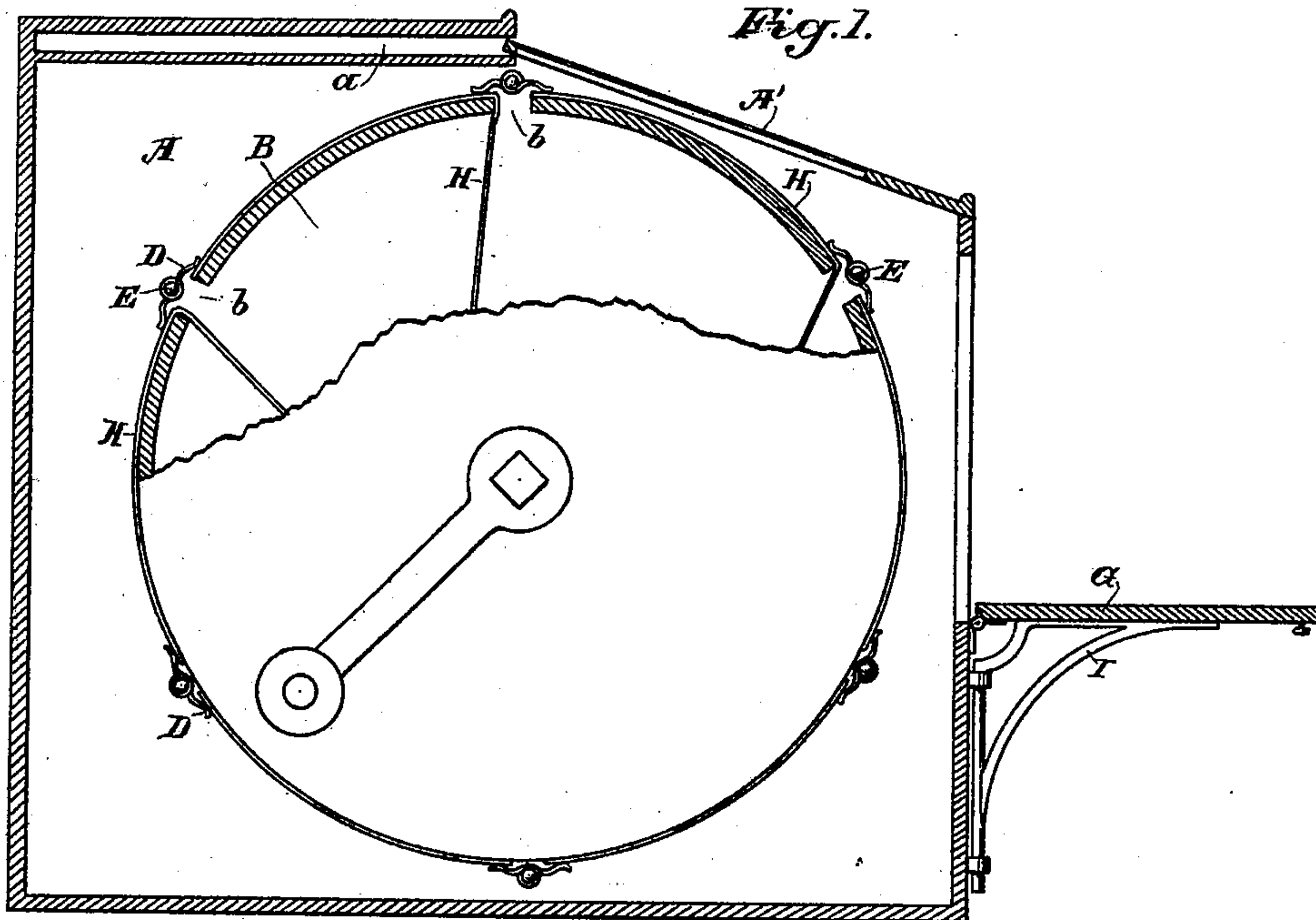


Fig. 3.

Smith J. 185	
May 1st. 1899.	
15. Lard	80
24. Beans	30
29. Bacon	80
31. Corn	1.80
	\$3.70
Paid	
N & M	
H	

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UNITED STATES PATENT OFFICE

ANTHONY W. THIERKOFF, OF REDDING, CALIFORNIA

MECHANICAL BILL-CARRYING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 646,509, dated April 3, 1900.

Application filed July 20, 1899. Serial No. 724,502. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY W. THIERKOFF, a citizen of the United States, residing at Redding, county of Shasta, State of California, have invented an Improvement in Mechanical Bill and Account Carrying Apparatus; and I hereby declare the following to be a full, clear, and exact description of the same.

10 My invention relates to an apparatus which is designed for the convenient arranging and posting of bills.

It consists of a desk, a hollow drum journaled and rotatable within the desk, said 15 drum having slots made through it and spring-clamps mounted with relation to the slots, so that a large number of bills may be conveniently carried upon the drum, a means for indexing the drum to correspond with the 20 ledger-index, openings through which the bills may be inspected or reached, and a hinged door to the front of the desk or case, with a supporting-bracket upon which it may be turned down, so as to form a convenient desk 25 for posting from the drum to ledger.

Referring to the accompanying drawings, Figure 1 is an end section through the apparatus. Fig. 2 is a front view of the drum. Fig. 3 shows the manner of using the slips.

30 The object of this invention is to provide an apparatus in which all the accounts with different individuals may be carried, said accounts being itemized and in the form of bills which may be presented whenever required 35 without the necessity of turning to a ledger and making up an account.

A is a casing which is conveniently made to form a desk. Within this casing is journaled a hollow drum B, the shaft of which turns in 40 suitable boxes at the ends, and projecting through at one end it has a wheel or means by which it can be rotated at will. This drum has a practically-unobstructed hollow interior and slots *b*, made longitudinally from end 45 to end in its face at sufficient intervals apart, as six inches or more, to form tabular surfaces adapted to receive the bills which are to be carried upon the drum.

The bills are made upon slips of paper H 50 and are held upon the drum or cylinder by elastic clamps D. These clamps may be mounted in any suitable manner. In the pres-

ent case they are shown as carried upon rods E, which extend in line above the slots the length of the cylinder, and the clamps are 55 made double-ended, so that each end may be employed. Thus one end presses upon the head of the bill or slip, and the other end of the slip, which is long enough for the purpose, passes through the next slot and into the in- 60 terior of the drum, which contains any length of the bill greater than the distance between the slots. This end is held by the clamp upon the adjacent side of the rod, and thus bills are spread and maintained in position upon 65 the cylinder.

The names of persons to whom the bills and entries are made may be indexed upon one side or at the center of the cylinder, if de- 70 sired. In order to properly index the names and to arrange for convenient alterations in the indexing, I have shown the letters of the alphabet made upon flat disks F, which form the heads of screws, and these screws are re- 75 movably inserted into the face of the cylinder along the lines of the spaces carrying the bills and the names under each letter. A cylinder made in this way may be as much as two feet 80 or more in diameter and three feet or more in length and have a surface sufficient to carry any desired number of bills. Each entry thus made is readily visible when the cylinder is turned to the proper position.

In the upper part of the casing A is a slid- 85 able door or gate A', which forms an inclined surface convenient for desk purposes, but which may be slid back into a groove or chan- 90 nel *a* when it is desired to have access directly to the drum from this point. The top of the sliding door A' may be glazed, so that the drum and its contents can be seen without opening the slide. At the door of the case is an opening and a hinged or falling door or 95 gate G, which normally closes this opening.

I represents hinged swinging brackets 95 which are turnable to lie against the side of the desk when not in use or to be extended, so as to form a support for the door G when the latter is let down. In this position the door serves to support any of the books which 100 it is desired to consult in connection with the entries upon the drum, and posting can be conveniently done at this point.

By the use of this apparatus all accounts

are at all times itemized and to be used in connection with the day-book. The daily accounts are forwarded from the day-book to the bills on the cylinder and need not be
5 posted into the ledger until the last of the month or week, or whenever the collection-day occurs. Whenever a customer desires to pay a bill, it is always ready and itemized, without any necessity of going to the ledger
10 to examine the account to make out an itemized bill. At the last of the month or other designated period of time these bills may be taken off the cylinder in rotation, one row after another, and placed on the bill-file.
15 Each bill has the number of the ledger-page, and the index of the ledger need not be referred to. The balance due can be carried to the ledger and the itemized bill is in condition for collection at any time. By thus
20 itemizing the account on the bill and only the balance on the ledger a considerable saving in space is effected.

Having thus described my invention, what I claim as new, and desire to secure by Letters
25 Patent, is—

1. An apparatus for mechanically carrying bills and accounts comprising a rotatable drum having its circumference formed with extended tabular surfaces separated from
30 each other by slots which extend parallel with the axis of the drum, and clamps on the exterior of the drum and disposed directly over said slots, and having arms or members extending in opposite directions and adapted to
35 clamp slips or bills upon the tabular surfaces of the drum.

2. In an apparatus of the character described the combination of a drum having a surface slotted at intervals to form intermediate tabular surfaces for independent slips
40 or bills, and double-armed clamps disposed over the slots so that each arm clamps a slip or bill to one of adjacent tabular surfaces, said slips or bills adapted to enter the slots to the interior of the drum.
45

3. The combination of a drum longitudinally slotted at intervals to form independent tabular surfaces adapted to receive slips or bills, means for clamping the slips or bills
50 upon the tabular surfaces and permitting the ends of the bills to enter said slots to the interior of the drum, and a removable index-letter attached to each tabular surface.

4. The combination, in an apparatus for mechanically holding and exhibiting itemized
55 individual accounts, of a desk, a hollow drum revoluble within said desk and having a substantially-unobstructed interior and a periphery slotted to form independent tabular surfaces adapted to hold slips or bills, the sur-
60 plus length of which slips or bills enters the slots to the interior of the drum, means for clamping the slips or bills upon the tabular surfaces, and movable doors connected with the desk and through which the slips or bills
65 may be inspected and reached.

In witness whereof I have hereunto set my hand.

ANTHONY W. THIERKOFF.

Witnesses:

MINNIE E. HUME,
FRANK W. SMITH.