M. BARON.

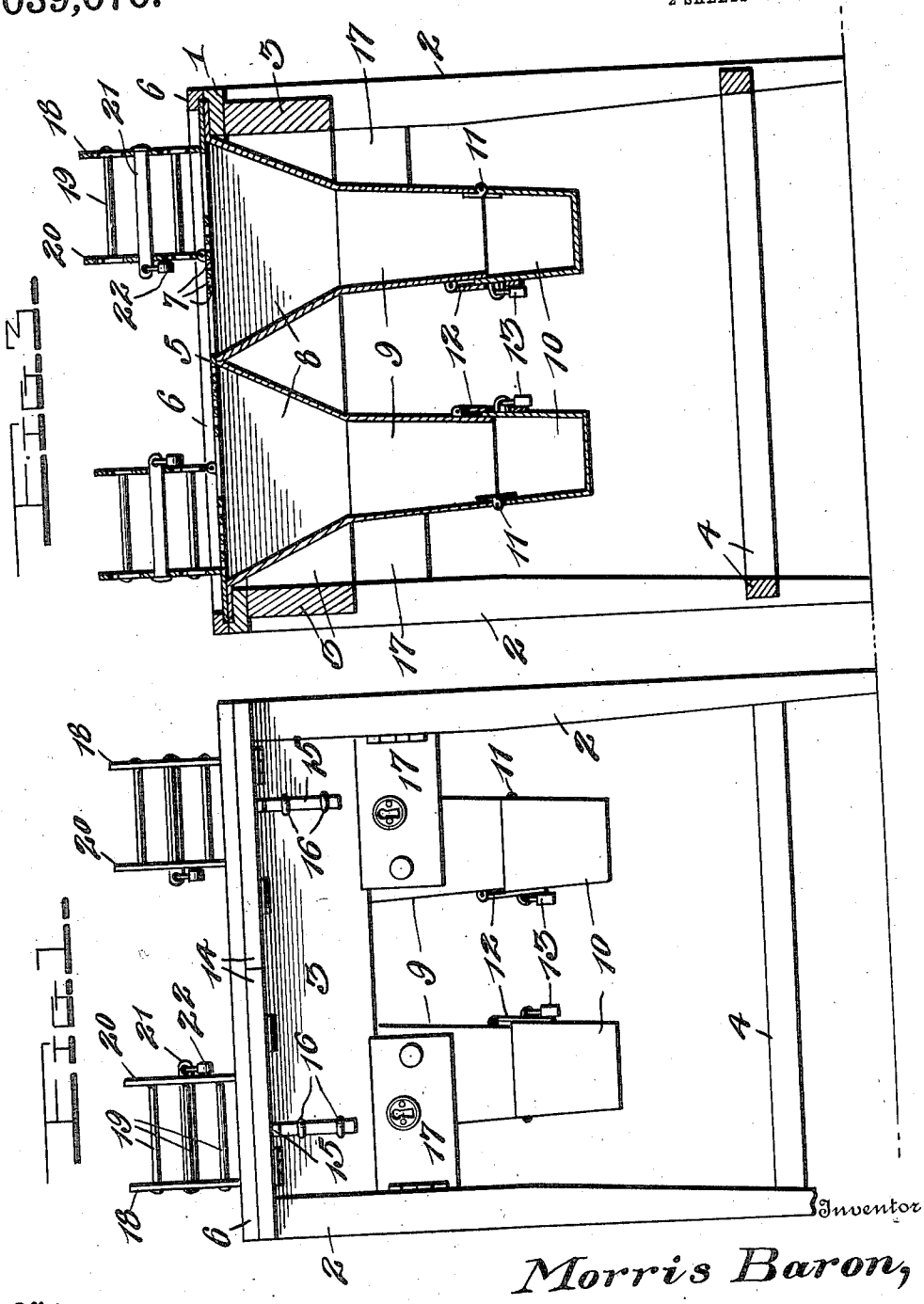
TABLE.

APPLICATION FILED AUG. 23, 1911.

Patented Sept. 17, 1912.

1,039,070.

2 SHEETS—SHEET 1.



Inventor

Morris Baron,

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Witnesses

Chas. L. Griesbauer.

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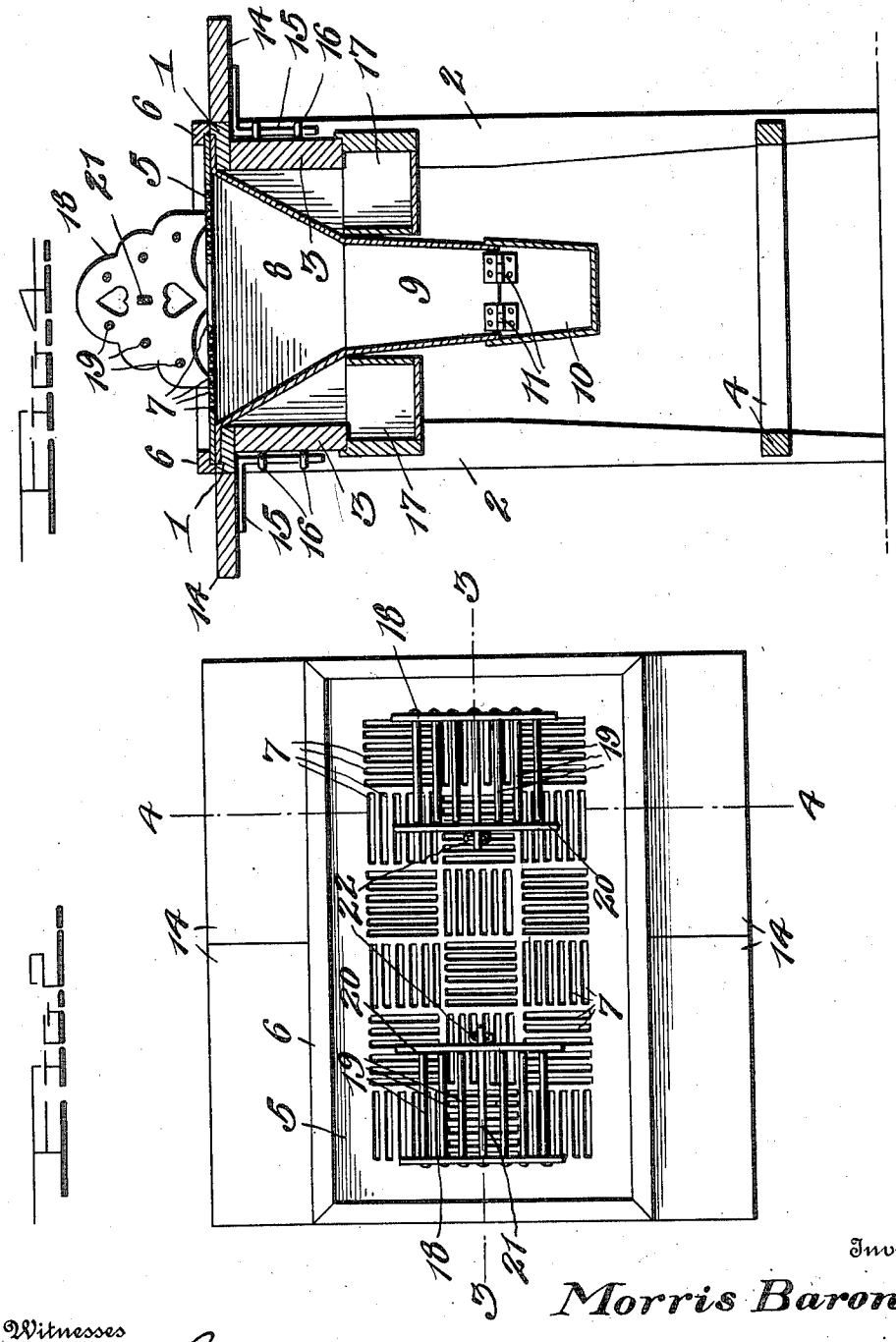

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UNITED STATES PATENT OFFICE.

MORRIS BARON, OF BOSTON, MASSACHUSETTS.

TABLE.

1,039,070. Specification of Letters Patent. Patented Sept. 17, 1912.

Application filed August 23, 1911. Serial No. 645,536.

To all whom it may concern:

Be it known that I, MORRIS BARON, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Tables, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to new and useful improvements in tables and more particularly to the class of tables used by tailors, dressmakers and the like and my object is to provide a device of this character wherein means is provided for the collection of the stray pins and needles, whereby the same may be prevented from becoming lost or damaged by falling upon the floor.

A further object of the invention resides in the provision of a table having the top thereof slotted laterally and longitudinally throughout, said slots leading to delivery chutes which chutes in turn lead to or communicate with collection receptacles.

Still another object of the invention resides in the arrangement of the slots so as to form a plurality of squares on the face of the table and to provide a pair of chutes each of which is common to an equal number of the squares formed by said slots.

A still further object of the invention resides in the provision of hinged side plates whereby the table is adapted for enlargement to accommodate a number of workers and a still further object resides in providing a plurality of drawers adapted to contain various tools and instruments used by those working upon the table.

A still further object resides in the provision of spool holding means carried on said table.

Still another object is to provide a device which is extremely simple and durable in construction and one which is very effective and useful in operation.

With these and other objects in view, my invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claims.

In the accompanying drawings forming a part of this application, Figure 1 is a side elevation of a table; Fig. 2 is a top plan view thereof; Fig. 3 is a vertical longitudinal section taken on the line 3—3, Fig. 2. Fig. 4 is a vertical transverse section as seen on line 4—4, Fig. 2.

In carrying out my invention I shall refer to the drawings in which similar reference characters designate corresponding parts throughout the several views and in which 1 indicates a frame of rectangular design supported on the upper ends of the four legs 2, said legs being braced by the upper side pieces or flanges 3 which depend from the frame 1 and by the lower brace bars 4. Mounted on the frame 1 to completely cover the space inclosed thereby is a metallic top 5, said top being held to the frame 1 by means of an additional frame or molding 6 and said top is provided with a plurality of elongated slots 7, said slots being arranged in series to form squares, certain of the slots extending longitudinally while certain others extend laterally of the table proper. These squares or slots completely cover the top 5 except for a border which extends therearound and the squares of slots are so arranged as to have the slots of every other square arranged or disposed in the same direction.

Secured to the under face of the metallic top 5 is a pair of conveying chutes 8, the walls of which are inclined inwardly from their upper to their lower ends, said pair of chutes completely covering the bottom face of said top and leading from the chutes 8 are the delivery chutes 9 which in turn lead to the receptacles 10. These receptacles are formed as portions of the chutes 9, the same being hinged to the lower ends of the latter by means of the hinges 11 and in order to prevent any thieving of the contents of the receptacles or otherwise tampering therewith, I provide a locking means therefor which comprises the hasps 12 and padlocks 13. From this construction it will be observed that all pins, needles and the like which may casually fall upon the top of the table, during the operation of the workmen at the table are adapted to fall through the slots 7 in the top thereof to be conveyed by the chutes 8 and 9 to the receptacles 10 therebelow, where the same may be saved and collected for further use.

In order to provide means whereby the table may be used by more than one party,

and without necessarily using the top 5 which has heretofore been described as slotted, I provide a plurality of plates 14, said plates being hinged on their under faces to the under faces of the frame 1, the normal position of said plates being in their lowered position, through gravity. In order, however, to retain these hinged plates in their extended and horizontal positions, I provide the brace bars 15, which brace bars are substantially L-shaped, one arm of the same being oscillatingly mounted in the keepers 16 carried on the side flanges 3. As these side flanges 3 extend just within the outer side edges of the frame 1, it will be seen that when the same are oscillated so that the opposite or free arms of said brace bars 15 are disposed under the lower face of said frame, said plates 14 are adapted to fall to their lowered and normal positions whereas when said brace bars 15 are positioned outwardly so that the free arms thereof extend under the lower faces of said plates 14, the latter are adapted to be retained in their extended positions. In positioning these brace bars 15 on the flanges 3, the same are disposed immediately adjacent the hinged members of the plates 14 so that when said bars are moved to their effective or operative position, the same may contact with said hinges, thereby limiting the movement thereof and retaining the same in their effective positions.

I have also provided means on the table for carrying various tools, instruments and the like and to this end I provide a plurality of drawers 17, each of said drawers being hinged respectively to one of the legs of the table on the inner side face thereof so as to fold or move inwardly beneath the top of said table. In order to limit the movement of said drawers inwardly beneath the table, the outer faces thereof are disposed a fraction higher than the sides thereof so as to form a flange which is adapted to contact with the other faces of the side flanges 3 and locks may be provided for these drawers, portions of which are disposed on the drawer proper while the sockets to receive the locking levers thereof are formed in said flanges 3.

I have also provided means on this table to support a plurality of spools in such a position as to be readily accessible to those using the same and to this end I provide the plates 18 which are mounted on the metallic top 5 to extend vertically thereof and are positioned at opposite ends of the same, said plates having arranged on their inner faces the ends of a plurality of stems or arms 19. These stems are circular in cross section and all of equal length, and hinged to the top 5 is a pair of plates 20 which when brought into vertical position are adapted to contact with the free ends of said stems 19. These stems 19 are adapted to receive thereon the spools of thread or silk and in order to retain the plates 20 in their vertical positions so as to retain the spools on their respective stems, an additional stem or arm 21 is provided on each of the plates 18 which extends through an opening in the plate 20, said latter stem or arm having an opening therein which receives a padlock or the like 22.

From the foregoing it will be observed that I have provided an improved form of tailor's and dressmaker's table wherein especial means has been provided for the collection of stray pins, needles and the like and whereby the same may be saved and used again. It will further be seen that in effecting this result, I provide a table top which is formed of a plate having a plurality of slots therein, said slots being arranged in series and certain of the series extending laterally while certain others extend longitudinally of the table proper, thus allowing pins or needles which may fall upon the top promiscuously to be positively conveyed to the collection receptacles therebelow. Furthermore, it will be seen that I have provided conveyer chutes which completely cover the lower face of the table top and lead to collection receptacles and it will still further be seen that I have provided means to prevent the tampering or thieving of the contents of the receptacle.

It will still further be observed that I have provided means for carrying spools of thread on the table, said means being capable of being locked to prevent the ready removal of the thread.

It will still further be seen that the device is extremely strong and durable in construction and one which is very effective and useful in operation.

As indicated in Fig. 2 and as best illustrated in Fig. 4, the top 5 of the table is formed, around all of the slots, with an imperforate margin which overlies the flanges that are formed at the upper ends of the chutes and that serve to assist in holding the chutes in position.

It is to be particularly noted that this device is for use primarily in collecting pins. As is well known, pins, when dropped upon a table or similar article, have a tendency to roll on the edges of their heads, and consequently by having the slots arranged as illustrated in Fig. 2 with all of the slots of each set parallel to each other and one end slot of each set contiguous to the ends of all of the slots of an adjacent set and at an angle to the slots of said adjacent set, when the pins are dropped upon the table, even if they do not of themselves roll down into one of the slots, they may be easily caused to fall through the slots by the operator passing his or her hand over the surface of

the table top so as to smooth over the pins and cause them to roll or slide down into the slots.

What I claim is:—

1. A work table including a top formed with a plurality of sets of slots, all of the slots of each set extending parallel to each other and an end slot of each set lying contiguous to the ends of all of the slots of an adjacent set and at an angle to the slots of such adjacent set, as for the purpose set forth.

2. A work table including a top formed with a plurality of sets of slots of equal length, all of the slots of each set extending parallel to each other and an end slot of each set lying contiguous to the ends of all of the slots of an adjacent set and at an angle to the slots of such adjacent set.

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

MORRIS BARON.

Witnesses:
AUGUSTUS H. KAUFMAN,
JOSEPH BRETTLER.