

A. THIELEKE.
RECORDING DESK.

APPLICATION FILED JULY 25, 1904.

Fig. 1

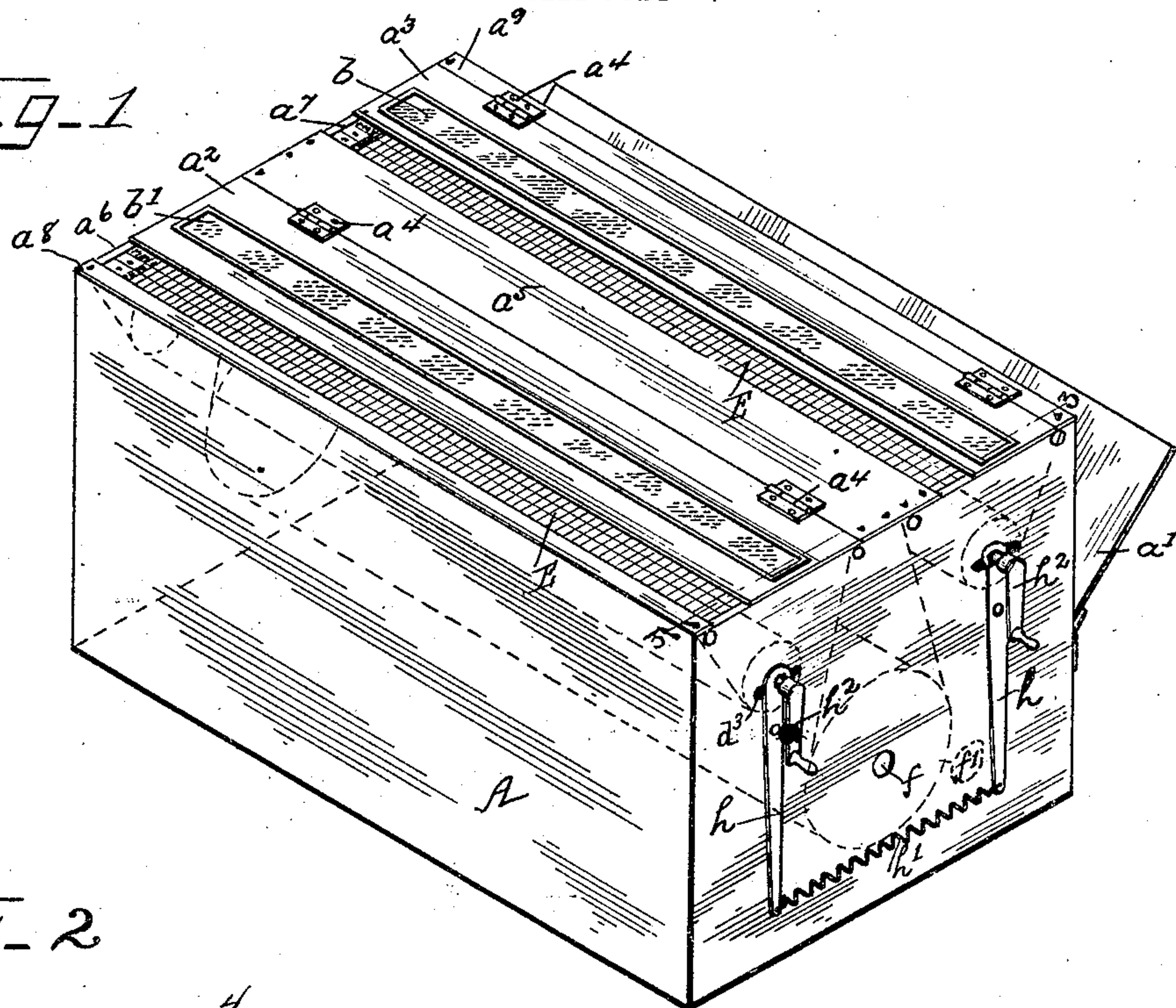


Fig. 2

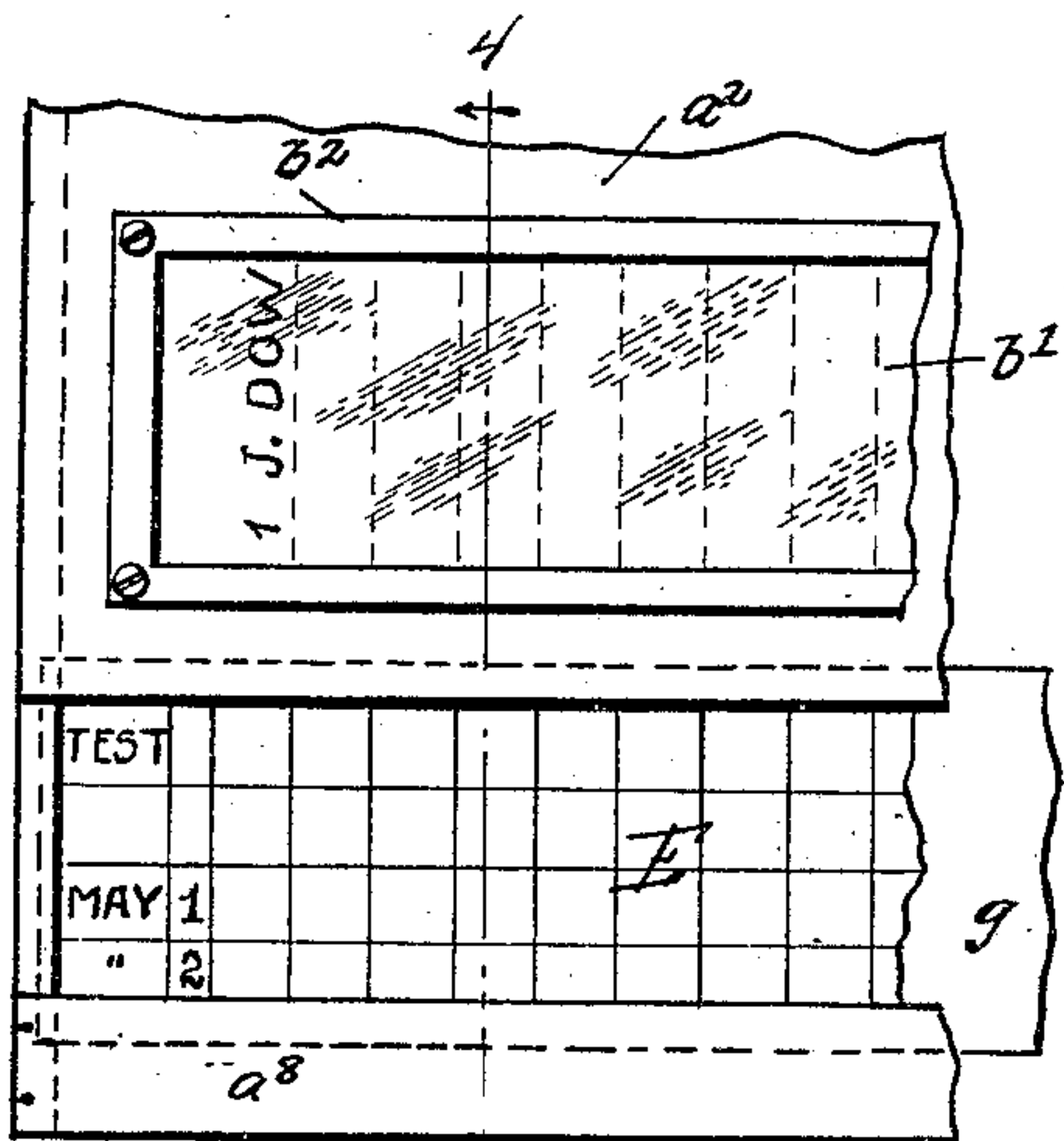


Fig. 4

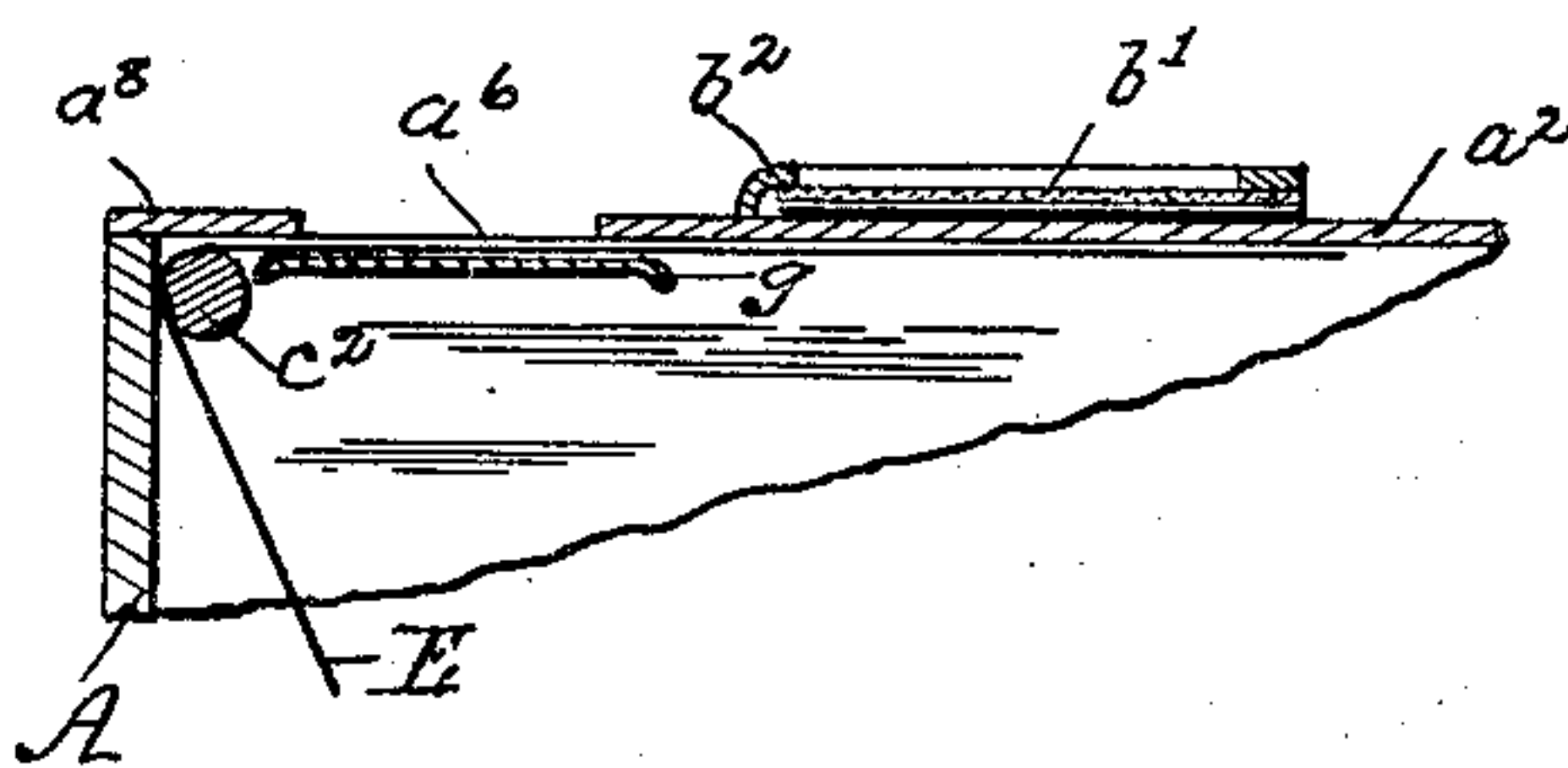
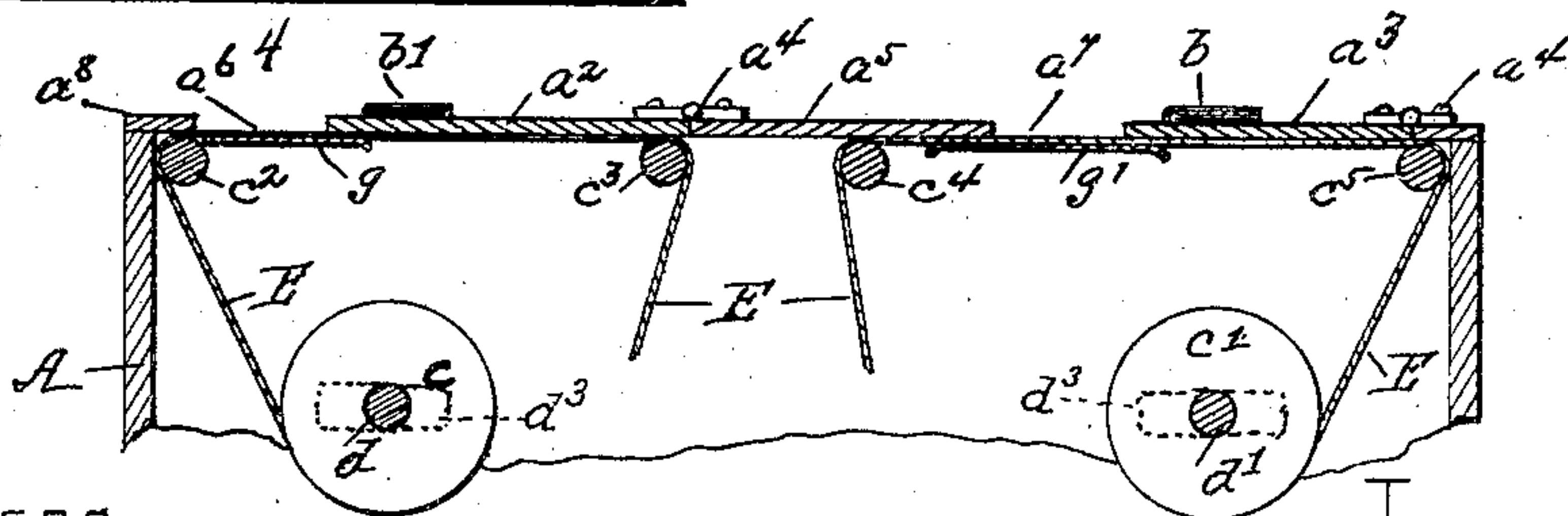


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

AUGUST THIELEKE, OF TEMPLETON, IOWA.

RECORDING-DESK.

SPECIFICATION forming part of Letters Patent No. 790,987, dated May 30, 1905.

Application filed July 25, 1904. Serial No. 218,179.

To all whom it may concern:

Be it known that I, AUGUST THIELEKE, a citizen of the United States, residing at Templeton, in the county of Carroll and State of Iowa, have invented certain new and useful Improvements in Recording-Desks, of which the following is a specification.

My invention consists of a desk which is especially adapted for use by creameries in keeping accounts of the milk received, the "test" percentage of butter fats contained therein, the amount of butter sold to customers of the creamery, and other data desired in such connection.

The object of the invention is to provide a device that will take the place of the "milk-sheets" commonly used at many creameries, and which are usually hung upon the wall or are placed on the top of an ordinary desk, and which, because of the constant handling, become more or less soiled and the entries blurred.

While I have shown my invention in connection with a special form of recording-sheet, it will be apparent that other forms of sheets may be used therewith with equal facility, and I therefore do not wish to be limited in my patent to any specific form of recording-sheet.

In the accompanying drawings, which form a part of this application, I have shown a preferred adaptation of my invention in the following views.

Figure 1 is a perspective view. Fig. 2 is a fragmentary detail, on an enlarged scale, showing the name-plate and the registering opening in the top of the desk. Fig. 3 is a cross-section showing the arrangement of the recording-sheet and its supporting-rollers, and Fig. 4 is a section on the line 4-4 of Fig. 2.

Referring to the drawings in detail, A represents a rectangular box, which is adapted to be placed on top of the desk or which may, if desired, be provided with suitable legs. This desk is provided along one side with a hinged door a' of any suitable construction and has secured thereto pieces a^5 a^8 a^9 , which, with doors to be described, form the top of the box. Hinged to the top-piece a^5 is a door a^2 , and hinged to the piece a^9 is a second door a^3 . Se-

cured to the upper side of the door a^2 is a frame b^2 , between which and the door is inserted a card b' , on which is printed or inscribed the names of the customers who furnish milk to the creamery, said names being preferably arranged as indicated in Fig. 2. Over the card is placed a glass to protect the card. Between the free edge of the door a^2 and the opposite edge of the top-piece a^8 is left a space, as a^6 , at which the recording-sheet E is exposed for insertion of the figures or other data of which it is desired to keep a record. A similar frame and card are attached to the hinged door a^3 , and corresponding space a^7 is left between the edge of the door a^3 and the opposite edge of the top-piece a^5 .

Suitably journaled in slots d^3 in the opposite ends of the box are spindles d d' , on which are respectively secured rollers c c' , which are adapted to have wound thereon and unwound therefrom the recording or milk sheet E. Also suitably journaled in the ends of the box, at a point between and below the journal-bearings of the rollers c c' , is the spindle f of a tension-roller f' , (indicated by dotted lines in Fig. 1,) which is adapted to have pass around one side thereof the recording-sheet E. Suitably mounted in the ends of the box and just below the top are small rollers c^2 c^3 c^4 c^5 , which have the recording-sheet pass thereover, as shown in Fig. 3, and serve to carry the sheet in a horizontal plane. Secured below the openings a^6 and a^7 are supporting-plates g g' , respectively, which rest snugly under the recording-sheet E and are adapted to support the latter so as to provide an unyielding writing-surface.

Secured to the spindles d d' of the rollers c c' are levers h h' , which are pivoted on the outside of the end of the box and have their lower ends connected by a spring h' , the normal tension of which is exerted to spread apart the upper ends of said levers, whereby said spindles will be pushed toward the sides of the box, and thus facilitate the binding of the recording-sheet on the several rollers over which it is passed. There is mounted on the end of each spindle d d' cranks h^2 , which provide for the turning of the rollers c c' , so that

the recording-sheet may be unwound from one of said rollers and onto the other, as may be desired in the use of the device. The recording-sheet E is printed and inscribed with
 5 suitable words or characters to indicate the insertion of the test of the milk, the number of pounds delivered on each day of the month, the number of pounds of butter purchased, and also ruled with columns which register with the respective names on the cards
 10 *b b'*, so that the entries will be directly under the names.

In use a recording-sheet for a month's entries will be wound on the roller *c*, will be
 15 passed over the supporting-rollers *c² c³*, around the under side of the tension-roller *f'*, over the rollers *c⁴ c⁵*, and suitably secured to the roller *c'*. As the entries are made on the recording-sheet in the spaces *a⁶ a⁷* the
 20 crank on the spindle *d'* is turned, thus winding the recording-sheet around the cylinder *c'* until the record of the milk received is complete, and the sheet will be wound back again on the roller *c*, during which entries as
 25 to the butter purchased will be made opposite the respective parties' names. When the sheet for one month is full, it will be removed through the door *a'* and used in making up the statements or bills customary be-
 30 tween the creamery and its patrons.

Having thus described my invention, what

I claim as new, and desire to obtain by Letters Patent, is—

1. In a device of the character described, a box having a door at one side and provided 35 with longitudinal openings in its top, name-plates secured to the top adjacent to such openings, rollers journaled in the ends of the box, a recording-sheet adapted to be wound on said rollers and unwound therefrom, other 40 rollers suitably journaled in the box and adapted to support the recording-sheet just below the longitudinal openings, and means for operating the first-named rollers.

2. In a device of the character described, a 45 box provided with longitudinal openings in its top and name-plates secured adjacent to such openings, rollers journaled in the ends of the box, a recording-sheet adapted to be wound on said rollers and unwound there- 50 from, means for supporting the recording-sheet just below the longitudinal openings, a tension-roller journaled in the ends of the box, and means for operating the first-named 55 rollers.

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

AUGUST THIELEKE.

Witnesses:

F. M. WILSON,
 J. L. WALDMAN.