Sept. 5, 1939. J. Q. SHERMAN 2,171,605

TALLY REGISTER

Filed Dec. 14, 1936

Fig. 1

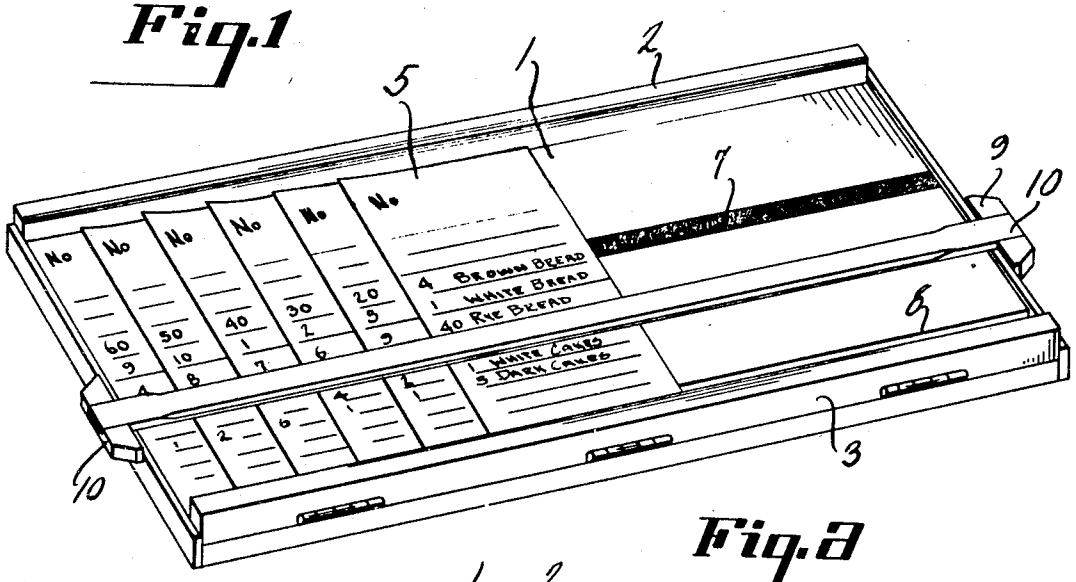


Fig. 2

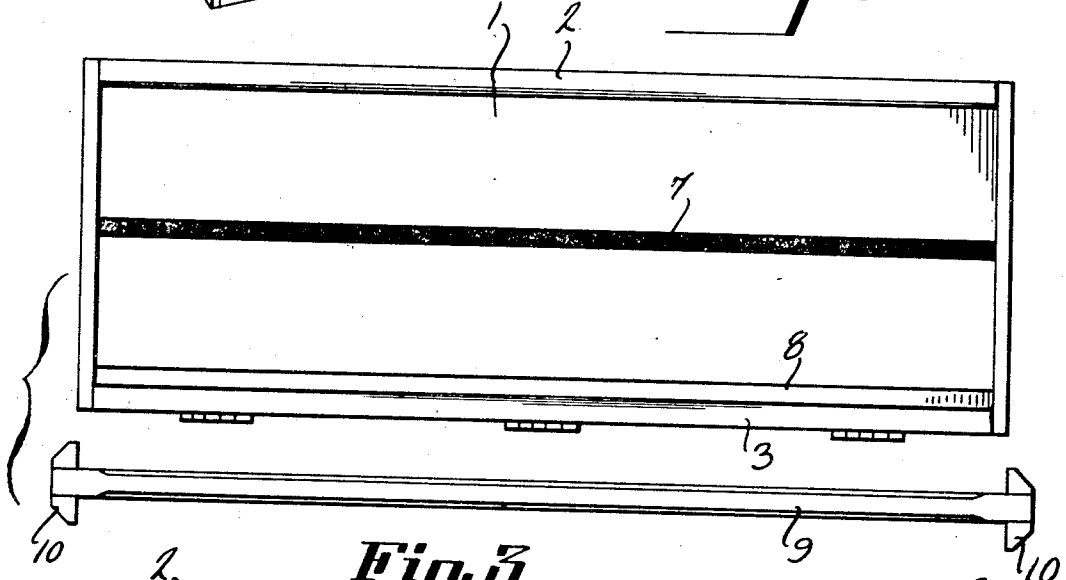


Fig. 3

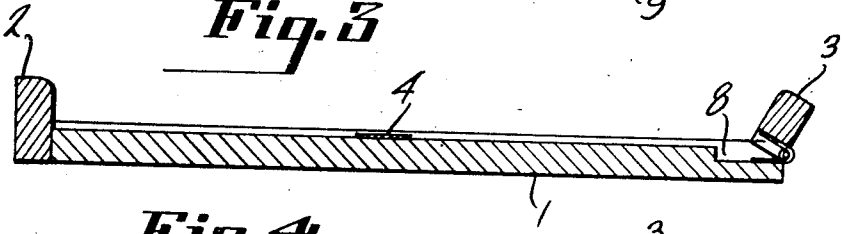
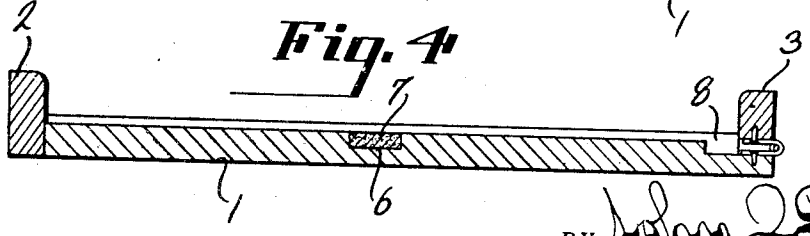


Fig. 4



INVENTOR

BY John Q. Sherman

J. L. Walker ATTORNEY

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UNITED STATES PATENT OFFICE

2,171,605

TALLY REGISTER

John Q. Sherman, Dayton, Ohio

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4 Claims. (Cl. 281—44)

This invention comprises a tabulating device or tally register of the type generally known as a "peg board" upon which a succession of record sheets may be posted in correlated position wherein corresponding entries upon the sheets will be aligned one with another for convenient analysis or computation.

As heretofore constructed, such devices ordinarily comprise a board, having therein a succession of spaced pins upon which record sheets to be compared, or from which totals are to be compiled are impaled. It is from such construction that the usual name of "peg board" is derived. However, such device necessitates that the record sheets must be punched with holes in definitely located position to agree with the impaling pegs or that the sheets be otherwise mutilated by puncture pins in securing them to the board.

The present invention enables the sheets to be temporarily affixed to the board without mutilation or the provision of specially punched holes and enables the sheets to be variously assembled in closely arranged or widely distributed relation as the relative location of data upon the sheets and the comparisons or examinations to which they are to be subjected may render most desirable or which may be more convenient for the particular determination or compilation of entries to be made, and further provides for the quick and easy detachment of the sheets from the board when the analysis or accounting operations have been completed.

The object of the invention is to improve the construction as well as the means and mode of operation of tabulating or "peg boards" whereby they may not only be economically manufactured, but will be more efficient in use, of increased flexibility and simplicity, having a wider range of usefulness, and unlikely to get out of repair.

A further object of the invention is to provide a substitute for the conventional "peg board" which will be pegless, and will permit great flexibility in its use enabling forms or sheets of the same or different sizes to be offset, staggered or disposed in varied spaced relation as may be necessary to bring desired data upon different sheets into aligned relation.

A further object of the invention is to provide improved means for holding the sheets in adjusted relation without mutilation.

A further object of the invention is the elimination of holes from the sheets to be displayed in assembled relation.

A further object of the invention is to provide means to facilitate rapid stripping of the sheets from the board.

A further object of the invention is to provide convenient guide means facilitating the arrangement of the sheets and comparison of corresponding entries.

A further and important object of the invention is to insure speed, economy and accuracy in analysis of records, by providing a tabulating board of extreme flexibility and simplicity.

A further and important object of the invention is to provide means for easily and quickly attaching record sheets in any desired relation upon the display board.

A further object of the invention is to provide a mounting board whereon the sheets will be more easily accessible for observation and for rapid removal.

A further object of the invention is to provide a tabular display board having the advantageous structural features and meritorious characteristics herein mentioned.

With the above primary and other incidental objects in view as will more fully appear in the specification, the invention consists of the features of construction, the parts and combinations thereof, and the mode of operation, or its equivalents, as hereinafter described and set forth in the claims.

In the drawing, wherein is shown the preferred, but obviously not necessarily the only form of embodiment of the invention:

Fig. 1 is a perspective view of the display board forming the subject matter hereof.

Fig. 2 is a top plan view thereof.

Fig. 3 is an end elevation.

Fig. 4 is a sectional view of a modification.

Like parts are indicated by similar characters of reference throughout the several views.

The tabulating or tally register board forming the subject matter hereof, which may be well termed a "pegless peg board", comprises an elongated board 1 of a width commensurate with the size of the sheets or forms to be arranged thereon. Along one of the longitudinal margins of the board is disposed a fixed rail or upstanding flange 2 which serves as a guide when arranging sheets of identical size having the data entries uniformly disposed thereon. Along the opposite parallel margin there is preferably but not necessarily provided a rail 3 hinged to the board for outward swinging movement to facilitate the removal of the sheets.

Intermediate the marginal rails there is pro-

vided on the face of the board one or more stripes 4 of adhesive or tenacious material to which the sheets 5 may be made to adhere under a slight pressure. The adhesive stripe 4 may consist of a strip of commercial adhesive tape applied to the face of the board. Such adhesive tape may be renewed from time to time. Because of its double faced adhesive character it will adhere to the face of the board on one side and will adhere to record sheets placed on its opposite side. In lieu of the use of commercial adhesive tape the board may be formed with a longitudinal depression 6 which may be filled with a body 7 of an adhesive gum or other tenacious material which will be sufficiently sticky to hold sheets applied thereto under pressure, but which will not dry out but will retain its adhesive character for a long period of time, after which the filling of the channel may be renewed.

A longitudinal groove or channel 8 is located adjacent to either or both the marginal rails 2 and 3 along which the operator's finger or a suitable implement may be projected beneath the succeeding sheets or forms when it is desired to remove the sheets thereby enabling them to be collectively detached by a single sliding motion.

Slidingly mounted upon the display board is a straight edge guide 9 having sliding engagement with the opposite ends of the board. This straight edge has been shown provided with heads 10 at each end which by sliding engagement with the ends of the board maintain the parallel relation of the guide in its several positions of sliding adjustment.

If the record sheets 5 to be analyzed are of the same size and have corresponding entries similarly located, as is usually the case, the top margins thereof are abutted against the upper guide rail 2 and the sheets are pressed against the tenacious stripe 5 to which they are caused to adhere. The sheets are usually arranged in overlapping relation, whereby the board may be made to accommodate a quite large number of individual sheets. The straight edge 9 is placed in overlying relation with the assembly of sheets 5 and by its sliding adjustment corresponding transversely aligned entries may be easily and readily comparted or computed.

In event the entries to be compared are differently disposed on different sheets, these may be staggered or offset as may be necessary to transversely align the corresponding items, which may be readily effected by use of the straight edge guide 9.

When the compilation, or analysis has been completed, it is only necessary to slide one's finger through the groove 8 beneath the sheets or to pass a pencil or other implement therethrough, whereby the sheets are progressively turned upwardly, thus detaching them from the adherent surface of the stripe 5.

From the above description it will be apparent that there is thus provided a device of the character described possessing the particular features of advantage before enumerated as desirable, but which obviously is susceptible of modification in its form, proportions, detail construction and arrangement of parts without departing from the principle involved or sacrificing any of its advantages.

While in order to comply with the statute, the invention has been described in language more or less specific as to structural features, it is to be understood that the invention is not limited to the specific features shown, but that the means and construction herein disclosed comprise the preferred form of several modes of putting the invention into effect, and the invention is therefore claimed in any of its forms or modifications within the legitimate and valid scope of the appended claims.

Having thus described my invention, I claim:

1. A display device for a succession of normally loose sheets in correlated relation comprising a supporting tablet upon which the sheets are to be disposed, a longitudinal gauge projecting above the plane of the tablet against which the margins of the sheets may be abutted for aligning like entries upon different sheets, a portion of adhesive material exposed on the surface of the tablet against which the sheets may be pressed into adherent relation, an indicator associated with the tablet and movable at will with respect thereto to indicate correlated indicia on separate sheets, a guide rail projected above the plane of the tablet and disposed diametrically opposite the longitudinal gauge, the guide rail being hinged to facilitate access to the ends of the sheets adjacent thereto, and a groove in the face of the tablet adjacent the guide rail overlaid by the sheets when affixed thereto for access therebeneath to facilitate rapid detachment of the sheets from the adhesive area.

2. A display device for a succession of normally loose sheets in correlated relation comprising a supporting tablet upon which the sheets are to be disposed, a longitudinal gauge projecting above the plane of the tablet against which the margins of the sheets may be abutted for aligning like entries upon different sheets, a portion of adhesive material exposed on the surface of the tablet against which the sheets may be pressed into adherent relation, the adhesive material being located well apart from the longitudinal gauge, a straight edge indicator associated with the tablet and movable at will with respect thereto to indicate correlated indicia on separate sheets, a guide rail projected above the plane of the tablet and disposed diametrically opposite the longitudinal gauge, and a groove in the face of the tablet overlaid by the sheets when affixed thereto for access therebeneath to facilitate rapid detachment of the sheets from the adhesive area.

3. A display device for a succession of normally loose sheets in correlated relation comprising a supporting tablet upon which the sheets are to be disposed, a longitudinal gauge projecting above the plane of the tablet against which the margins of the sheets may be abutted for aligning like entries upon different sheets, a portion of adhesive material exposed on the surface of the tablet against which the sheets may be pressed into adherent relation, a guide rail projected above the plane of the tablet and disposed diametrically opposite the longitudinal gauge, the guide rail being hinged to facilitate access to the edges of the sheets adjacent thereto, a groove in the face of the tablet overlaid by the sheets when affixed thereto for access therebeneath to facilitate rapid detachment of the sheets from the adhesive area, and a line guide transversely overlying sheets supported on the tablet and movable longitudinally of the sheets.

4. A display device for a succession of normally loose sheets in correlated relation comprising a supporting tablet upon which the sheets are to be disposed, a longitudinal gauge projecting above the plane of the tablet against which the margins of the sheets may be abutted for aligning like

entries upon different sheets, a portion of adhesive material exposed on the surface of the tablet against which the sheets may be pressed into adherent relation, the adhesive material being located well apart from the longitudinal gauge, a guide rail projected above the plane of the tablet and disposed diametrically opposite the longitudinal gauge, the guide rail being hinged to facilitate access to the edges of the sheets adjacent thereto, a groove in the face of the tablet overlaid by the sheets when affixed thereto for access therebeneath to facilitate rapid detachment of the sheets from the adhesive area, and a line guide transversely overlying sheets supported on the tablet and movable longitudinally of the sheets.

JOHN Q. SHERMAN.