Dec. 29, 1953 H. S. MUES 2,664,195

FILING EQUIPMENT FOR IDENTIFICATION BADGES

Filed Dec. 11, 1950

FIG. 1.

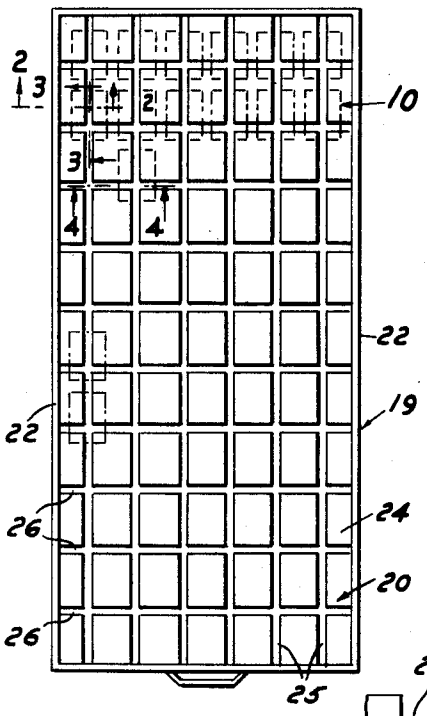


FIG. 2.

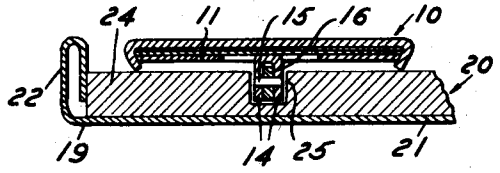


FIG. 3.

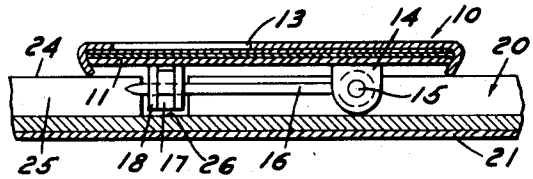


FIG. 4

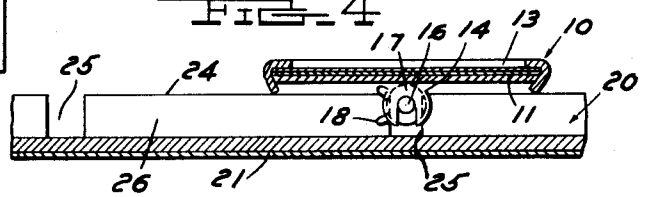


FIG. 5

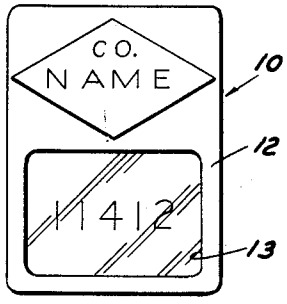


FIG. 6

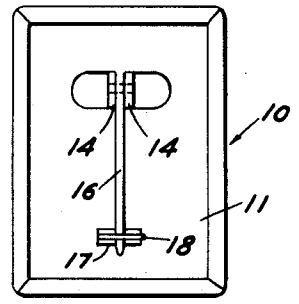
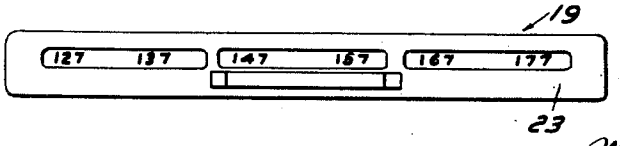


FIG. 7



INVENTOR.
HAROLD S. MUES
BY
Whittemore, Hulbert & Belknap
ATTORNEYS

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FILING EQUIPMENT FOR IDENTIFICATION BADGES

Harold S. Mues, Detroit, Mich., assignor to Motor Products Corporation, Detroit, Mich., a corporation of New York

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1 Claim. (Cl. 206—72)

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This invention relates to equipment for filing badges of the type having a pin and a clasp on the reverse sides enabling attachment of the badges to wearing apparel.

Badges are used extensively in industry as a means of identifying employees, and it is customary for employees to surrender their badges to the employment office during periods of layoffs or shutdowns. The badges are kept on file in the employment department, and are reissued to the employees when the latter return.

In industries having a large number of employees, considerable equipment and space is devoted to filing the badges, and due to the nature of the badges, considerable time is required on the part of clerks in handling these badges. Thus the detail of handling badges in a large industry is an important item, and it is an object of this invention to improve generally the equipment used for this purpose.

It is another object to provide equipment which enables readily filing a large number of badges in an orderly fashion in a relatively small space; and in addition, renders it possible for a clerk to directly view a substantial number of filed badges without disturbing the badges.

In accordance with this invention a substantial number of badges are supported in side by side relationship on the top surface of a panel which in turn rests on the bottom of a drawer. The panel is relatively thin, and the drawer preferably has a depth sufficient only to accommodate the panel together with the badges on the top surface of the panel. Thus the drawer is very shallow, and a large number of drawers may be accommodated in a cabinet of convenient height.

It is still another object of this invention to provide the top surface of the panel with intersecting grooves. The grooves extending in one direction have a width sufficient to freely receive the pins on the reverse sides of the badges, but are insufficient to receive the catches on the badges, while the intersecting grooves have a width sufficient to freely receive the catches on the badges. Thus the badges are held in position on the panel by the coaction of the grooves and the pins, together with the catches for the pins on the badges. The arrangement is such that the pins or clasps on the badges need not be manipulated by the filing clerk.

The foregoing as well as other objects will be made more apparent as this description proceeds, especially when considered in connection with the accompanying drawing, wherein:

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Figure 1 is a plan view of a filing cabinet drawer embodying the features of this invention and indicating by broken lines a group of identification badges supported by the drawer;

Figure 2 is an enlarged cross sectional view taken on the line 2—2 of Figure 1 and showing one of the badges in full lines;

Figure 3 is a fragmentary sectional view of a part of the drawer and also showing the badge in full lines;

Figure 4 is a sectional view taken on the line 4—4 of Figure 1;

Figure 5 is a top plan view of the badge;

Figure 6 is a rear elevational view of the badge; and

Figure 7 is an end elevation of the drawer.

Referring now to the drawing, it will be noted that the reference numeral 10 designates a typical identification badge having a backing 11 and a front plate 12 fastened to the backing. The plate 12 has a window 13 for exposing suitable identifying indicia. The backing has ears 14 struck out therefrom and the ears provide a support for a pivot shaft 15. One end of a pin 16 is pivoted on the shaft 15 and the free end of the pin 16 is engageable in a clasp 17. The clasp is suitably secured to the reverse side of the backing 11 and is provided with the usual safety lock 18.

This invention concerns itself with improved equipment for filing badges of the above general type, and this equipment comprises a drawer 19 and a support 20. In the present instance the drawer 19 is shown as formed of sheet metal and has a bottom wall 21, side walls 22, and end walls 23. The drawer 19 is very shallow and simulates a tray in appearance. The construction is such that a substantial number of drawers 19 may be slidably supported one above the other in a cabinet of minimum height. In practice it has been found that filing cabinets sold under the trade name "Kardex" may be employed for the above purpose.

The support 20 comprises a plate or panel 24 preferably although not necessarily formed of wood. In any case the panel 24 is insertable into the drawer 19 through the open top of the drawer and rests on the bottom wall 21 of the drawer. The thickness of the panel 24 is sufficiently less than the depth of the side and end walls of the drawer 19 to provide ample space in the drawer above the top surface of the panel 24 to accommodate the badges 10.

The top surface of the panel 24 is formed with a plurality of laterally spaced longitudinally ex-

tending grooves 25 and with a plurality of laterally spaced grooves 26 which extend transversely of the grooves 25. The width of the grooves 25 is sufficient to freely receive the ears 14 and pins 16 on the badges 10, but is insufficient to receive the clasps 17 for the pins 16. The grooves 26 intersect the grooves 25 and provide clearance for the reception of the clasps 17 on the badges 10. The construction is such that the badges are held against shifting movement in opposite directions lengthwise of the grooves 26 by engagement of the pins 16 with opposite sides of the grooves 25, and are held against shifting movement in opposite directions lengthwise of the grooves 25 by engagement of the clasps 17 with opposite side walls of the grooves 26.

In use a badge 10 to be filed is merely placed on the panel 24 with the pin 16 and ears 14 extending into the appropriate groove 25, and the badge is moved along the groove 25 until the clasp 17 on the badge drops into the adjacent cross groove 26. It will be noted that the badges are not fastened to a card or any other support so that it is not necessary to manipulate the clasps 17 or pins 16 during filing of the badges 10. The badges 10 may be readily removed from the filing drawer 19 by merely picking the badges off the panel 24.

Also in use the badges 10 may be filed according to the number usually appearing on the badges. When this procedure is followed, provision is made on the end wall 23 for indicia indicating the numbers of the badges in each row, as shown in Figure 7 of the drawings.

In the ordinary course of business of large industrial plants, the badges are changed at intervals. In the event the badges are changed to such an extent that they cannot be accommodated by the panels 24, it is a relatively simple matter to replace the panels 24 with panels having differently spaced grooves to accommodate the new badges. The overall size of the panels, however, always remains the same, so that the panels will fit the available filing cabinet drawers.

What I claim as my invention is:

The combination with a plurality of badges, each having a pin on the reverse side thereof and having a clasp on said reverse side engageable with the free end of said pin, of means for filing said badges comprising a panel supporting said badges in side by side relationship with the reverse sides thereof resting on the top surface of said panel, means for holding said badges against shifting movement relative to said panel in a direction normal to said pins comprising a first series of spaced parallel grooves in the top surface of said panel extending parallel to said pins and receiving said pins but being of a width insufficient to receive said clasps, and means for holding said badges against shifting movement relative to said panel in a direction parallel to said pins comprising a second series of spaced parallel grooves extending normal to said pins and receiving said clasps.

HAROLD S. MUES.

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