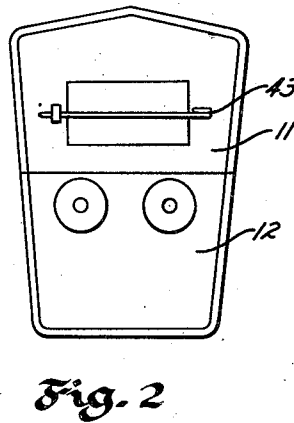
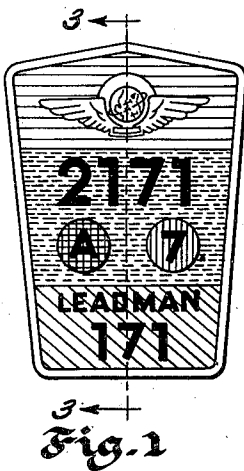
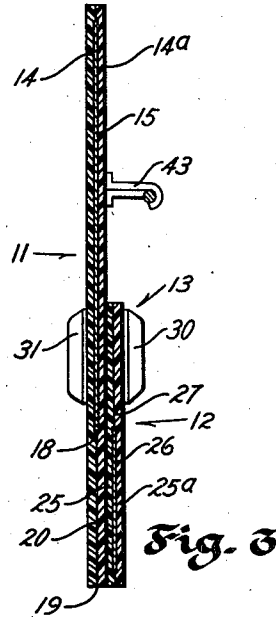
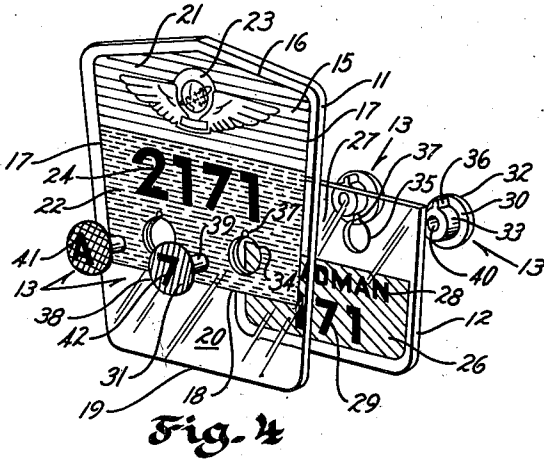


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BADGE HAVING A DETACHABLE TAG COOPERATING WITH
AN INTEGRAL WINDOW IN SAID BADGE
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BADGE HAVING A DETACHABLE TAG COOPERATING WITH AN INTEGRAL WINDOW IN SAID BADGE

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This invention relates to identification badges such as are furnished their employees by industrial concerns.

It has as one object to provide a badge to unvaryingly afford identification markings of a more generic character and to selectively afford alternative assorted identification markings of a more specific character.

It has as a further object to provide a badge to unvaryingly afford identification markings at a highest classification level and to selectively afford alternative assorted identification markings at two or more lower classification levels.

It has also as its object in fulfillment of the above objects to provide a badge of two parts, one basic part being of an unchangeable character to afford generic identification and the other secondary part being attachable thereto interchangeably with similar secondary parts for affording specific identification, the attaching means being of a character to afford a second kind of specific identification interchangeably with other similar fastening means.

Further objects of the invention reside in the structural features and structural relationship of these features by which the aforesaid objects are accomplished in a badge, inexpensive of manufacture, pleasing in appearance, securely assembled, convenient to wear, with readily interchangeable parts, and clearly visible markings.

Other objects and advantages of the invention will be apparent from the following description and claims and from the drawing.

In the drawing,

Figure 1 is a front view of a badge exemplifying the principles of the invention.

Figure 2 is a rear view thereof.

Figure 3 is an enlarged sectional view of the badge taken along line 3—3 of Figure 1.

Figure 4 is an exploded perspective view of the parts of the badge.

The badge comprises a front plate 11, a rear plate 12 and two fasteners 13, 13.

The front or main plate comprises two laminae, 14, 14^a of plastic material between which is secured a sheet of paper 15. The plastic laminae 14, 14^a are hot pressed together with the paper sheet in place therebetween. The paper sheet is marginally spaced from the edges of the plastic laminae along its upper edge 16 and its side edges 17, 17. Its lower edge 18 is substantially spaced from the lower edge 19 of the plastic laminae leaving a lower transparent zone 20 in the plate 11.

The paper sheet is held in place both by the

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coalescence of the plastic laminae beyond the edges of the sheet and by adhesion of the sheet to the laminae.

The marginal bonding of the plastic laminae and the bonding of the paper sheet to the laminae are not a part of this invention. According to one known method two very thin sheets of transparent plastic bonding material are interposed between the laminae, these two thin sheets being disposed on opposite sides of the paper sheet.

The paper sheet in the particular badge shown has two horizontally banded differently colored zones 21 and 22. The upper zone 21 has insignia 23 indicative of the employer. Its color indicates the plant or branch plant. The lower zone 22 carries a numeral 24 representing the permanent number of the employee which under the particular identification system to which the badge is suited is never changed as long as the employee stays at a particular plant or branch plant. For certain types of employees, the name of the employee may appear in place of the numeral 24. The color of the lower zone is the same on all badges and is preferably a neutral color such as a light gray for a reason which will later appear.

The back or secondary plate 12 is made of two plastic laminae 25, 25^a between which is secured a sheet of paper 26, the construction and marginal spacing being similar to that of plate 11.

In this plate, however, the edges of the sheet of paper are spaced from the edges of the plastic laminae to provide a transparent zone 27 near the upper edge of the plate, although as will later appear the paper might without interfering with the purposes of the badge extend to the top margin of the plastic laminae of this plate. The paper sheet 26 is approximately the size and shape of the transparent zone 20 of the plate 11 and bears indicia which in the particular badge shown in the drawing consist of a word 28, to designate the rank or capacity of the employee, as for example the word "Leadman" and a numeral 29, therebelow indicating the number of the department in which he is employed. The paper sheet 26 is colored to indicate the shift of the working day upon which he is employed. When plates 11 and 12 are secured together the paper sheet 26 is registering behind the transparent zone 20 of the plate 11.

The two plates are secured together by the pair of fastening means 13, 13. Each fastening means comprises a sleeve 30 and a rivet 31. The sleeve 30 has a flanged head 32 and a disc 33 which is of a length and diameter to snugly occupy two

registering apertures 34 and 35 in plates 11 and 12. A radially projecting key 36 on the rim of the disc 33 engages keyways 37, 37 on the apertures 34 and 35 to prevent rotation of the sleeve.

The rivet 31 has a flanged head 38 and a shank 39. The shank 39 is slightly tapered outwardly to have a taper press fit within a correspondingly tapered bore 40 in the sleeve 30. In the drawing are shown two pairs of registering apertures in the plates and to fastening assemblies in these pairs of apertures respectively.

The rivet head or button 38 is colored in distinctive contrast to the preferably neutral gray color of zone 22 and may bear an identifying letter 41 or numeral 42. The left hand button color may indicate the factory zone of the employee and the right hand button color may indicate the additional zone or zones in which he is free to travel. Two buttons of the same color would thus indicate he was confined to his own zone. The letter 41 or numeral 42 or both letter and numeral may be used to identify a building location of the plant or branch, as location "A7."

The plates 11 and 12 are placed together with the apertures 34 in plate 11 registering with the apertures 35 in the plate 12. The sleeves 30 are placed in their respectively associated pairs of plates apertures. The rivets 31 are then press fitted to position, care being taken to have them radially positioned to display the letter of numeral on the button in upright position. A drop of plastic sealer is placed in the sleeve bore prior to pressing the rivet shank therein to seal the two fastener parts together. By the use of a suitable tool, the seal may be broken and the rivet disengaged from the sleeve.

A clasp 43 mounted on the upper back face of plate 11 serves to attach the badge to the clothing of the wearer.

The plate 11 is used to identify an employee of a given plant or branch. If the employee is transferred from one zone to another in his department or if the other zones of his free movement are changed, the buttons may be changed to those of other colors accordingly. The buttons may likewise be changed to present different numerals and letters on their front faces if the building location of the employee is changed or the building location is renumbered.

If the rank or capacity of the employee is changed or he is transferred to another department or to another shift or if due to reorganization his same department is given another number, such contingencies are cared for by replacing the plate 12 with another appropriately colored and marked plate 12.

If an employee leaves the employ of the employer or is transferred to another plant in another city and consequently turns in his badge, the plates are disassembled, the same plate 11 is later given to a new employee and to it is secured with rivets having appropriate buttons, a plate 12, either the same or another one, according to the circumstances of his employment.

I claim:

1. In an employee badge, the combination of: a first apertured plate comprising two bonded transparent plastic laminae and an opaque first sheet bearing indicia bonded between said laminae, said sheet terminating along one edge in substantially spaced relation from the adjacent edge of said bonded laminae providing an extensive transparent zone in said laminae; a second registering apertured plate comprising two similar laminae and an opaque second sheet bearing

indicia bonded therebetween; and a detachable fastening means for clamping said plates together with the second plate disposed behind the first plate with the said second sheet indicia behind said transparent zone, said fastening means being disposed in said registering apertures and including a button at the front end thereof interchangeable with other similar buttons, said button being of a color contrasting with the background of said badge surrounding said apertures.

2. In an employee badge, the combination of: an apertured body member having at least one colored zone for conveying intelligence of one kind concerning an employee and a transparent zone contiguous to said colored zone; an apertured plate carrying indicia and having a zone of a color different from that of the first-named zone whereby the color of said second zone conveys other intelligence concerning the employee; and means for mounting said plate to the rear face of said body member so that the zone and the indicia of said plate are visible through the transparent zone of the body member, said mounting means comprising members passed through aligned apertures in the body member and plate, each mounting means including a head portion of larger cross-section than the aperture in which it is mounted and formed with a color contrasting with the color of the front face of the body member surrounding the head portion for conveying intelligence concerning the employee different from that conveyed by the colors of the zones.

3. A substantially indestructible employee badge of light weight construction comprising: an apertured plate comprising two bonded transparent plastic laminae and an opaque sheet bearing indicia bonded between said laminae, said sheet terminating along one edge a substantial distance from the adjacent edge of said bonded laminae to produce an extensive transparent zone in said plate; a second plate comprising two bonded transparent plastic laminae with an opaque second sheet bearing indicia bonded therebetween, said second plate being formed with a plurality of apertures aligned with the apertures of said first plate; detachable fastening means mounted in the apertures of said plates for locking said plates together against unauthorized separation with the indicia of said second sheet disposed behind the transparent zone of said first plate; and means for securing said badge to the clothing of an employee.

4. In a substantially indestructible employee badge of light weight construction, the combination of: a body member comprising a pair of co-extensive transparent laminae of a light weight plastic and an indicia-bearing sheet interposed between said laminae having an outline substantially the same as said laminae, said sheet being of such a size relative to the size of said laminae that the one edge of said sheet is spaced a substantial distance from the corresponding edge of the said laminae whereby a transparent zone is formed adjacent the one edge of said body member; a laminated plate comprising a pair of co-extensive transparent laminae of a light weight plastic bonded together with an opaque sheet bearing indicia interposed therebetween, the sheet of said plate being substantially the same shape and size as the shape and size of the transparent portion of said body member; means for detachably securing the plate to the rear face of said body member with the sheet of said plate in substantial registry with said transparent por-

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tion whereby the indicia of said sheet is discernable from a point in front of said body member; and means for securing said badge to the clothing of an employee.

5. In an employee badge the combination of: a main plate having an opaque zone bearing indicia on a background of contrasting color and a transparent zone, said plate being formed with at least two horizontally aligned apertures there-through; a second plate having an opaque zone bearing indicia different from said first named indicia on a background of a color contrasting therewith, said second plate being adapted to overlie said transparent zone with the opaque zone thereof in registering relation therewith, said second plate being formed with apertures spaced to register with the apertures of said main plate when said second plate overlies the transparent zone of said main plate; and a fastening means for disposition in each of said two aligned apertures comprising a button of larger area than the forward one of said apertures and of a color contrasting with the color of said opaque zone of said main plate, said button bearing indicia on its front face and lying against the front face of the main plate and further comprising a detachable tension means engaging both the rear face of said second plate and said button for clamping said plates together, said button being interchangeable with other similar buttons and said fastening means being nonrotatably related to one of said plates.

6. An employee's badge of light-weight construction comprising: a body member of light-weight material formed with a transparent section and carrying a colored zone contiguous to said section conveying intelligence of one kind concerning an employee; indicia carried by said colored zone and conveying other intelligence concerning said employee; a plate of substanti-

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ally the same size and shape as said transparent section; indicia carried by said plate conveying intelligence different from that conveyed by the color and indicia of said zone; and means for mounting said plate behind said body member and in registry with said transparent section whereby the indicia of said plate is visible through said transparent section, said means comprising a removable insert adapted to be disposed in aligned apertures formed in said body member and plate when said plate is mounted in registry with said transparent section.

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