Sept. 18, 1962 M. T. BURNS 3,054,201

IDENTIFICATION BADGE WITH DETACHABLE CLIP

Filed July 14, 1961

Fig - 1

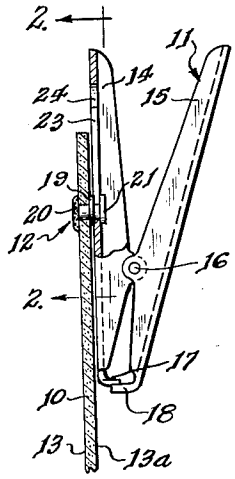


Fig - 2

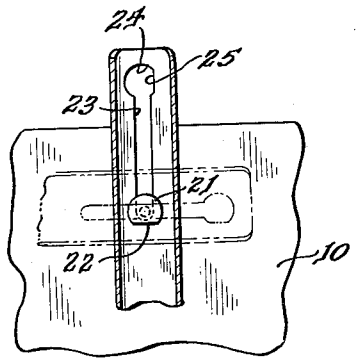
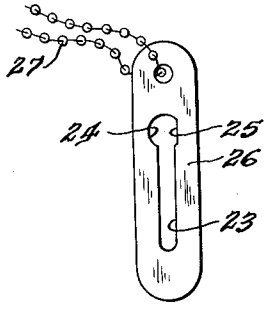


Fig - 3



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United States Patent Office 3,054,201 Patented Sept. 18, 1962

3,054,201

IDENTIFICATION BADGE WITH DETACHABLE CLIP

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Filed July 14, 1961, Ser. No. 124,241
2 Claims. (Cl. 40—1.5)

This invention relates to an identification badge to be worn by a worker on the job, and more particularly, to the connection of the badge to an attaching member by which the badge is affixed to the person of the worker on his clothing.

An identification badge must be worn on many an industrial and governmental job. When a worker forgets to bring his badge to work, he and his employer are greatly inconvenienced by the delays in establishing the worker's identity and issuing a temporary badge. Yet an identification badge can easily be forgotten, because the worker's wallet, which is perhaps the only item to be carried every work day, is not a suitable receptacle for the conventional badge made bulky by the large and strong attaching member required. Consequently, the badge is frequently left in or on the clothing. Instead of returning with the worker and his wallet on the next work day, the badge may be lost or stolen from the workers' wallet or left at home because of a change of clothing.

The present invention has to do with connecting an attaching member to an identification badge in such a way that it may readily be connected to and disconnected from the member by the wearer, but will not accidentally become disconnected while being worn. Thus, the badge is readily converted to wallet-carrying size and is likely to be safe at all times and to accompany the wearer whenever he needs his badge.

In the drawings:

FIG. 1 is a fragmentary sectional view showing a badge and its attaching clip connected to one another in accordance with the present invention;

FIG. 2 is a sectional view taken on the line 2—2 of FIG. 1; and

FIG. 3 is in elevation of a modified form of an attaching member for the badge.

As shown in FIG. 1, an identification badge **10** is detachably connected to an attaching member in the form of a clip **11**, by means of a pin **12**. A surface **13** of the badge **10** is adapted to display the wearer's picture or other identification. An opposite surface **13***a* is in contact with the clip **11**. The clip comprises jaw members **14** and **15** pivotally connected to one another by a shaft **16** and controlled by a spring (not shown) preferably associated with the pivot shaft **16** so that flanged ends **17** and **18** of the jaw members **14** and **15** are moved toward one another in overlapping relation so as to be capable of gripping, for example, the upper edge of a pocket (not shown) on a coat or shirt of a wearer of the badge **10**.

The pin **12** extends through the badge **10** near its upper end and midway between its side edges and has an intermediate shoulder **19** engaging the badge surface **13***a* and an end portion **20** enlarged and upset against the badge surface **13**, with the result that the pin **12** is held against all movement with respect to the badge **10**, including angular movement about its own axis. The pin **12** has an enlarged head **21**, which, as shown in FIG. 1, lies on the same side of the badge **10** as the surface **13***a* in spaced relation to the shoulder **19**, and, as shown in FIG. 2, has the shape of a circle with a flat side **22**, which is generally horizontal.

The pin **12** extends through an elongated slot **23** in the clip **11**. More particularly, the slot **23** is formed in

the jaw member **14** to extend longitudinally thereof on the side of the pivot shaft **16** away from the flanged end **17**. The upper end of the slot **23**, or the end away from the pivot shaft **16**, has, as shown in FIG. 2, an enlarged portion **24** which is in the shape of a circle having a flat side **25**. The flat side extends generally longitudinally of the jaw member **14**, or generally vertically when the clip **11** is vertical as shown in FIGS. 1 and 2.

The enlarged slot portion **24** is of a size and shape just to pass the head **21** of the pin **12**, so that the clip **11** may be connected to, or disconnected from, the badge **10** upon being angularly shifted into general parallelism with the upper edge of the badge **10** as shown in dash-dot lines in FIG. 2, and shifted longitudinally to bring the enlarged slot portion **24** into registry with the enlarged head **21**. The spacing between the enlarged head **21** and shoulder **9** on the pin **12** is a little greater than the thickness of the jaw member **14**, so that the jaw member fits between the enlarged head and the shoulder.

When the clip **11** grips the upper edge of a pocket in the clothing of a wearer and thus is vertical as shown in FIG. 1 and in full lines in FIG. 2, the badge **10** cannot become accidentally detached from the clip **11**, because gravity acting on the badge holds the pin **12** in the lower end of the slot **23** well spaced from the enlarged portion **24** of the slot at the upper end, and the flat side **25** of the enlarged portion of the slot is generally at right angles to the flat side **22** on the head **21** of the pin **12**. Thus for detachment of the badge **10** from the clip **11** to occur, the badge must not only be lifted to bring the pin **12** to the upper end of the slot **23** but also rotated to make the flat sides **22** and **25** register with one another. Obviously, this is not likely to occur accidentally. Yet it is very easy to disconnect the badge **10** from the clip **11** if the wearer is deliberate about it.

FIG. 3 shows an alternate attaching member in the form of a strip **26**, which is adapted to cooperate with a chain **27** in being suspended from a wearer or his clothing. The chain **27** may go around a wearer's neck or through a button hole or lapel hole in his clothing. The strip **26** is provided with an elongated slot **23** extending longitudinally and having at the end near the point of connection of the chain **27**, an enlarged portion **24** shaped like a circle having a flat side **25**. The member **26** is of a thickness to fit between the shoulder **19** and enlarged head **21** of the pin **12** and, the enlarged portion **24** of the slot **23** is of a size just to pass the head **21**.

The intention is to limit the invention only wihin the scope of the appended claims.

What is claimed is:

1. An assembly comprising a badge, a pin fixed to the badge near one end and having an enlarged end spaced from the badge, the head being shaped like a circle with one flat side, and a clip having a slot having an enlarged portion at one end shaped like a circle with one flat side, said enlarged portion of the slot being of such a size as just to pass said enlarged end of the pin in one angular position of the clip with respect to the badge.

2. An assembly comprising a badge, a pin fixed to the badge near one end and having an enlarged end spaced from the badge, the head being shaped like a circle with one flat side, and an attaching member having a slot having an enlarged portion spaced from one end and shaped like a circle with one flat side, said enlarged portion of the slot being of such a size as just to pass said enlarged end of the pin in one angular position of the attaching member with respect to the badge.

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