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(71) Applicant: **Malley, P.J.**
Townsville, Queensland (AU)

(72) Inventor: **Malley, P.J.**
Townsville, Queensland (AU)

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(74) Representative: **Brookes Batchellor**
102-108 Clerkenwell Road
London EC1M 5SA (GB)

(54) **Iron sight**

(57) An iron sight for use with rifles and pistols comprises two pins, one for the foresight and the other for

the back sight. One of the pins is suspended in front of or behind the other. The user can "contain" the target using the iron sight.

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Description

BACKGROUND OF THE INVENTION

Field of the Invention

[0001] The present invention is a new design or perhaps better described as a new silhouette shape for what is colloquially known as an iron sight.

Description of the related art

[0002] Iron sights have been around for a very long period of time, whilst it would be unwise to state that the following combinations include all possible variations, it is suggested that type wise this is so.

a) A Pin is normally one of the elements in the two element combination that makes up an iron sight.

The pin may be circular or rectangular in cross section and in elevation it may be tapered towards the top, the pin may also be used end on, i.e. in silhouette to appear as a disk or rectangle

The pin is normally used with one of the following shapes:- (vis fig3)

b) A Wedge shape

c) A Rectangular slot

d) A symmetrical open shape functioning in a similar manner to b and c

e) A Disk, the disk either being ring shaped or a sighting hole in an opaque surface.

[0003] A common factor with all the above elements is that they share the same datum or base, that is the weapon's barrel.

[0004] The aiming point on the wedge and the rectangle occurs on the upper surface, whilst with the disk the aiming point is within the disk

SUMMARY OF THE INVENTION

[0005] The invention is an Iron Sight suitable for both rifles and pistols though one would expect it to be of more use when used on a pistol.

[0006] The invention consists of two pins, a pin used for the foresight and a pin used as a back sight.

[0007] One of the pins is suspended or hung either in front of or behind the other, hence neither element obscures or hides the other.

[0008] The target is "Squeezed" between the two sighting elements, this has the advantage that the target is effectively "contained" whilst with previous systems the target either 'sat on top of a surface' or was contained within a surface.

[0009] To attempt to contain the target within a surface inevitably leads to diameter/ dimension problems in poor light conditions.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] Figure 1 shows Iron Sight silhouettes claimed as new by the invention

5 **[0011]** Figure 2 shows some further Iron Sight silhouettes claimed as new by the invention Figure 3 shows some existing Iron Sight silhouettes.

[0012] Figure 4 shows element one of the proposed Iron Sight.

10 **[0013]** Figure 5 shows element two of the proposed Iron Sight

Claims

15 1. The invention is an "iron sight" suitable for use on a rifle or pistol and it comprises of two pins, one of the pins being suspended or hung either in front of or behind the other. The pins are circular in cross section and their ends are tapered.

20 2. The invention as described in claim one, however the pins are not of necessity of circular cross section and their ends are not of necessity tapered, more than one pin may be used in a sighting element..

25 3. The invention as described in claim one, however the suspended pin/pins have vertical adjustment such that allowance for elevation may be made

REMARKS

Iron Sights are silhouettes and it is claimed that this invention projects a different silhouette on the observer's eye to any other iron sight.

The simple shape and orientation of the sighting elements enables the target to be contained within an envelope and allows if necessary simple self illumination by prior art methods.

The core of the invention is the suspension or hanging of one of the sighting elements, this has enabled completely new sighting silhouettes to be arrived at.

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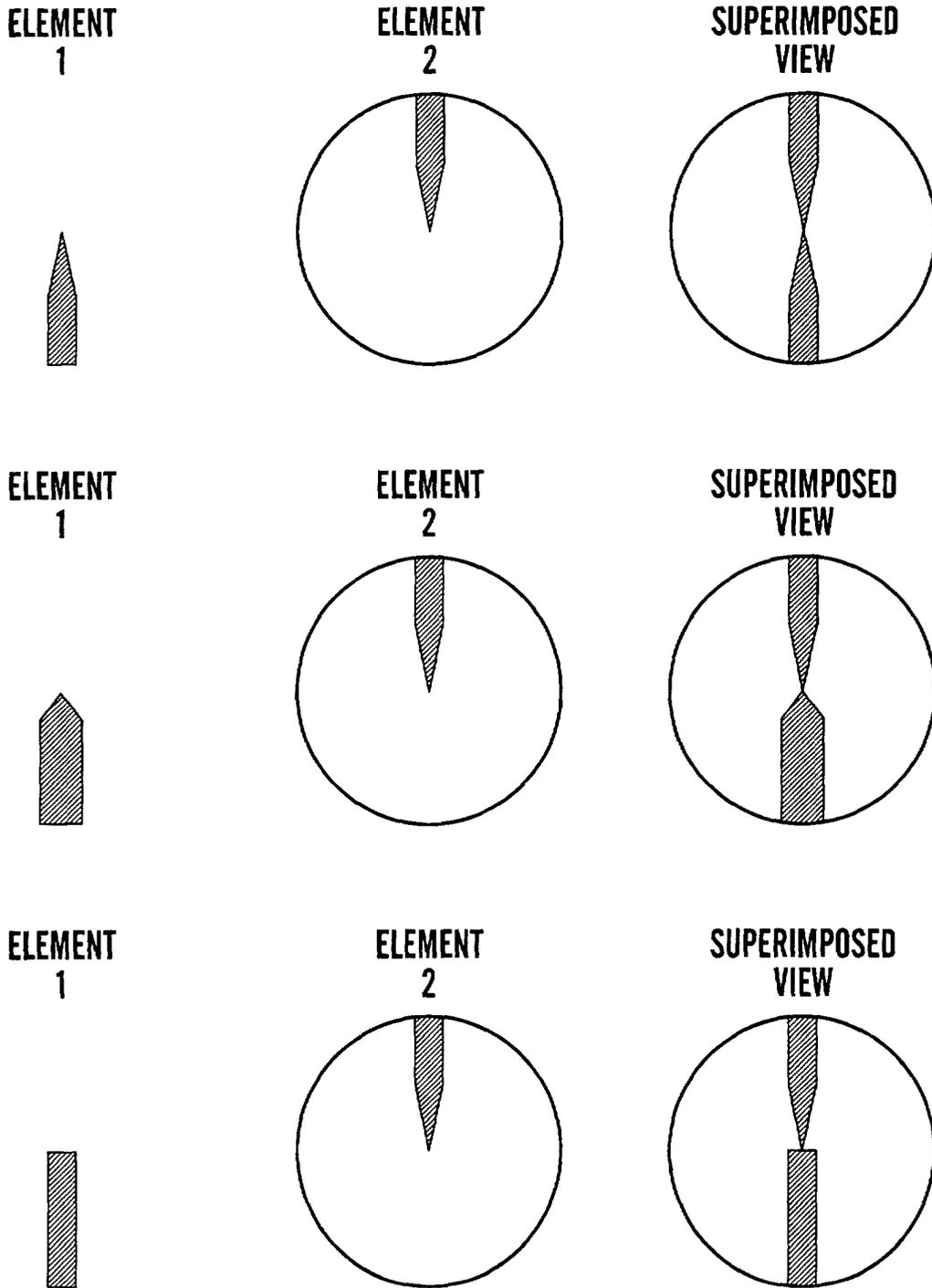


Fig. 1

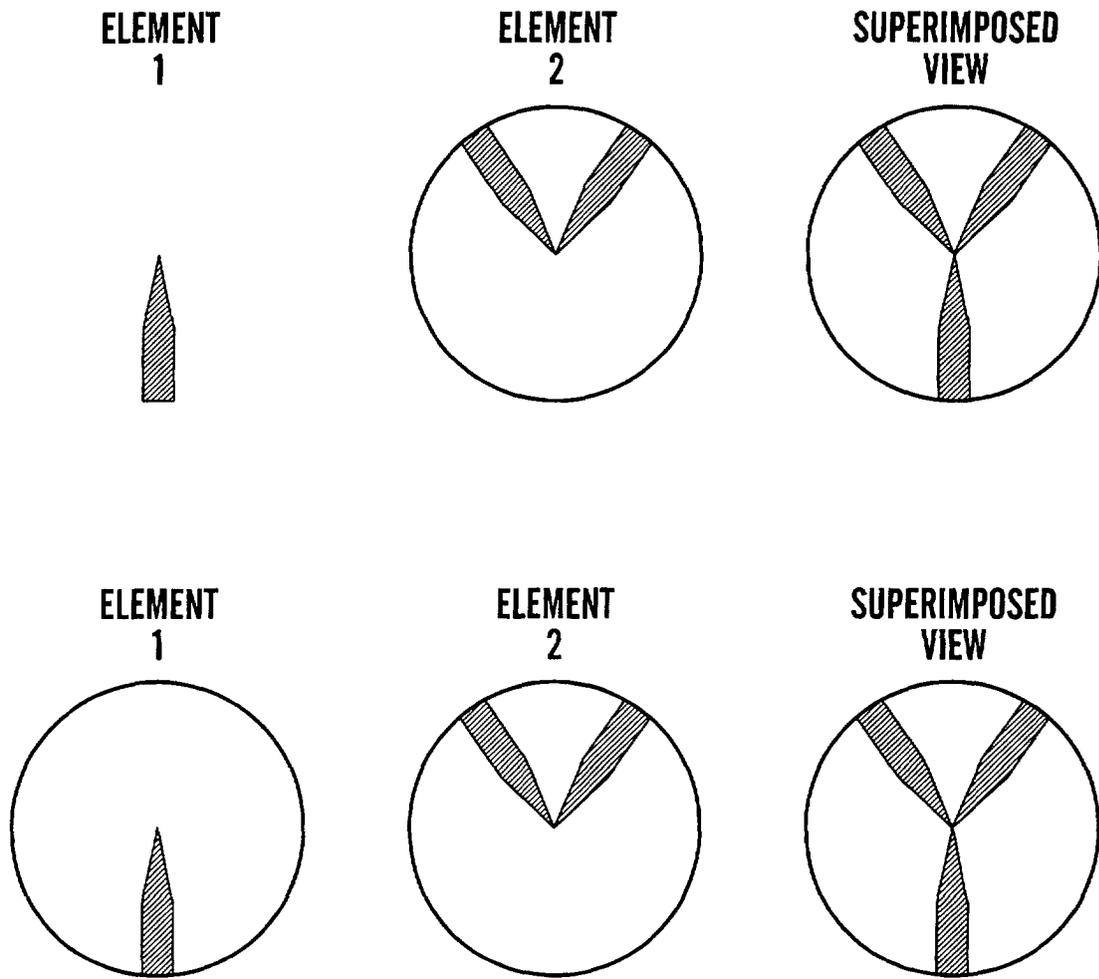


Fig.2

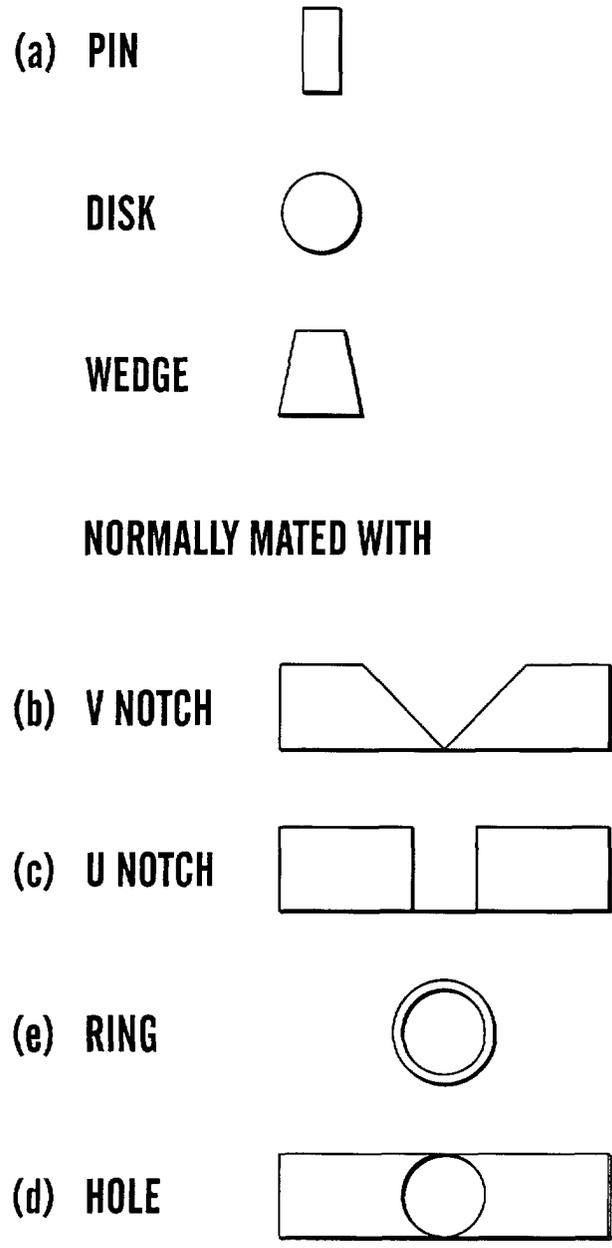


Fig.3 (Prior Art)

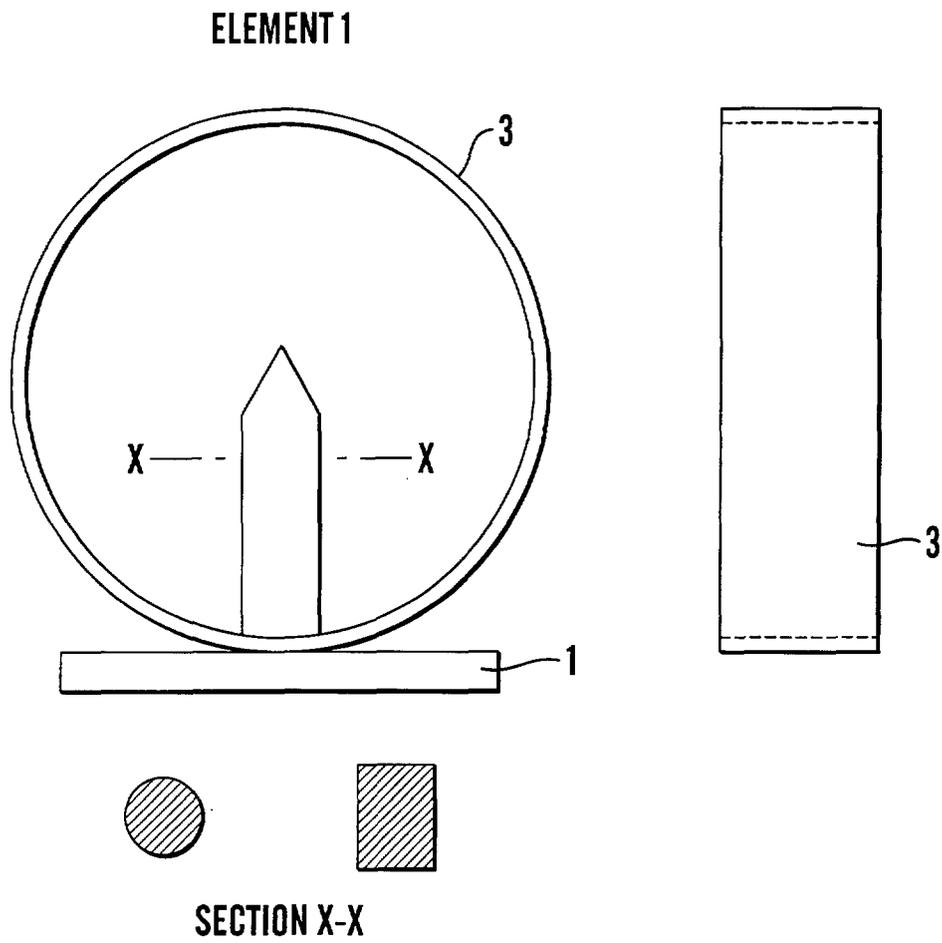


Fig.4

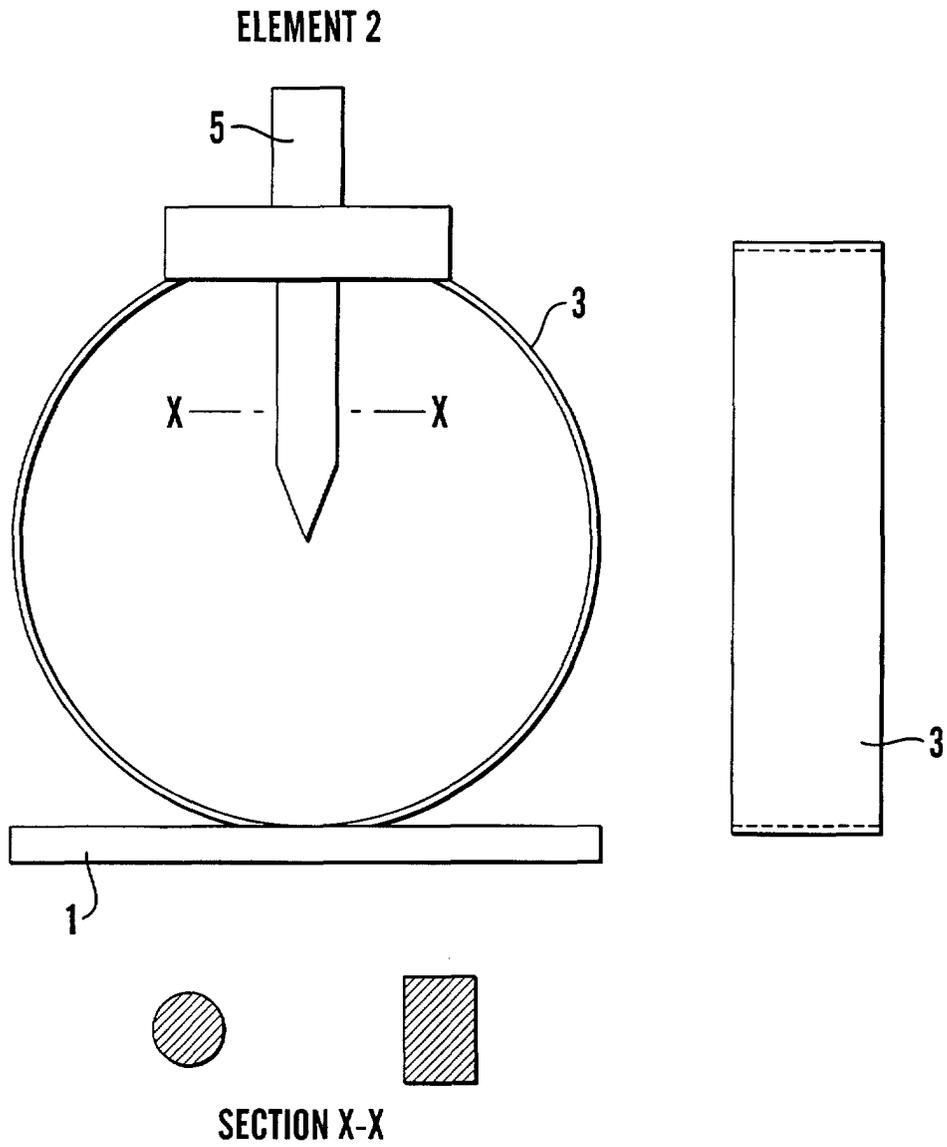


Fig.5