

A.D. 1885, 13th JANUARY. N° 435.

Improvements in Police and other Whistles.

COMPLETE SPECIFICATION.

I JOSEPH HUDSON trading as J Hudson & Co of Barr Street Birmingham in the County of Warwick Whistle and Military Ornament Maker do hereby declare the nature of my said invention for IMPROVEMENTS IN POLICE AND OTHER WHISTLES and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement, reference being had to the drawings hereunto annexed and to the letters and figures marked thereon that is to say :—

These improvements have for their object the strengthening of the internal arrangement of Police and other whistles of a similar character it having been found that in cleaning the whistles of dust fluff or other foreign matter they often are damaged, To do this I form the disc or diaphragm which crosses the barrel of the whistle of a thin Sheet of metal but instead of soldering the edges to the barrel as is usual I form it with two or more fangs turned at right angles to its plane so that when inserted into the barrel these fangs lie along the inner surface of the barrel and having a bearing against it add greatly to the strength and security of the diaphragm, The disc or diaphragm having been inserted it is further secured by soldering.

Referring to the drawings Fig 1 is a section through a whistle and Fig 2 a view of the disc or diaphragm (a) is the diaphragm with its fangs (b).

I do not confine myself to the precise number or form of fangs or projecting pieces shewn as this may be varied as desired.

Having now particularly described and ascertained the nature of the said invention and in what manner the same is to be performed I declare that what I claim is

The strengthening of the internal arrangement of Police and other whistles of a similar character by attaching to or forming upon the disc or diaphragm fangs or projections whereby the disc or diaphragm is more securely held in position as herein described and illustrated.

Dated this 2nd day of January 1885.

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HUDSON'S COMPLETE SPECIFICATION.

(1 SHEET)

FIG. 1.

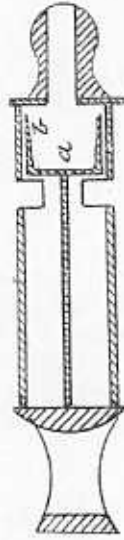


FIG. 2.

