

A safety gas bracket for use in lunatic asylums, prisons, or other public buildings / [James Milne].

Contributors

Milne, James, 1865-1951.

Publication/Creation

London : Printed for Her Majesty's Stationery Office by Darling and Son, Ltd, 1896.

Persistent URL

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N^o 7391



A.D. 1895

Date of Application, 11th Apr., 1895

Complete Specification Left, 4th Jan., 1896—Accepted, 14th Mar., 1896

PROVISIONAL SPECIFICATION.

A Safety Gas Bracket for Use in Lunatic Asylums, Prisons, or other Public Buildings.

JAMES MILNE, Engineer, Milton House Works, Edinburgh, do hereby declare the nature of this invention to be as follows :—

5 The bracket is so designed that it has no projecting part on which a person could hang himself or do himself bodily damage. The gas is turned on & off by means of a loose key, and the projecting arm is jointed so that when any weight is hung upon it, it falls to a vertical position. This arm is made quite smooth and slightly tapered, so that nothing can be easily attached to it, but will slip off by its own weight when in a vertical position. The bracket is so constructed that when the arm is pulled down, the gas is shut off, and cannot be turned on again by elevating
10 the arm, but must have the key applied to the stop cock.

JAMES MILNE.

COMPLETE SPECIFICATION.

A Safety Gas Bracket for Use in Lunatic Asylums, Prisons, or other Public Buildings.

15 I, JAMES MILNE, Milton House Works, Edinburgh, Engineer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

20 My invention relates to the construction of a gas bracket of such a form that the gas can only be turned on by means of a key ; the object of it being that a suicidally disposed patient cannot make use of it to hang himself from, and that if in endeavouring to do so he turns off the gas he cannot possibly turn it on again.

The stopcock is so constructed that upon the arm being pulled down it shuts off the gas which thereupon remains shut off, no matter whether the arm is raised again
25 or not, until the key is employed to turn it on again.

Figures 1 & 1^A shew the bracket with the gas turned on. The arm A is in a horizontal position. At the base of the arm close to the joint B, I form a small projection C. Upon the key of the stopcock D I form another projection E.

30 Figures 2 & 2^A shew the arm half pulled down. The projections C & E have come in contact and the stopcock has begun to close.

Figures 3 & 3^A shew the arm fully pulled down and the stopcock entirely closed.

Figures 4 & 4^A shew the arm again elevated to the horizontal position, but the stopcock still closed and requiring the key to turn the gas on.

35 I form the head of the stopcock square, oval, D shaped, or any shape that cannot easily be turned without a key to fit.

The gas can only be turned on when the arm is in a horizontal position. Figures 3 & 3^A shew the stopcock locked by the arm when pulled down.

The form of the bracket is substantially as shewn. The joint and stopcock are covered by a smooth rounded cover F having only sufficient openings for the arm

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Milne's Safety Gas Bracket for Use in Lunatic Asylums, Prisons, &c.

to work in and the key to be inserted. The arm is quite smooth and tapering from base to point.

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

5

The method whereby the gas is shut off when the arm of bracket is pulled down and remains shut off until the necessary key is used to turn it on.

Dated this Third day of January 1896.

JAMES MILNE.

London : Printed for Her Majesty's Stationery Office, by Darling & Son, Ltd.—1896



[This Drawing is a reproduction of the Original on a reduced scale.]



