

PATENT SPECIFICATION

(11) 1 282 071

DRAWINGS ATTACHED

1 282 071

(21) Application No. 7094/71 (22) Filed 17 March 1971

(45) Complete Specification published 19 July 1972

(51) International Classification D06F 57/12

(52) Index at acceptance

A4U 4A3 4H 4M 4R



(54) CLOTHES DRIERS

(71) I, DWIGHT PING KUEN AU, a British subject, of Flat 3A, 35 Broadcast Drive, Kowloon, Hong Kong, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to a clothes drier which is of particular use in multi-storey blocks of flats.

According to the invention there is provided a clothes drier comprising a bracket and a frame mounted on the bracket for rotation through 360° relative thereto, said bracket being adapted to be secured to a wall such that the axis of rotation of the frame is substantially vertical, and said frame including a plurality of elongated, spaced clothes-supporting members. Preferably the frame is substantially flat and the bracket is angled such that, when it is secured to a wall, it projects at an acute angle thereto in the plane of the frame.

Generally the clothes-supporting members are flexible and extend between rigid frame members which project radially from the axis of rotation.

A particular embodiment of the invention will now be described with reference to the accompanying drawings, in which:

Fig. 1 is a perspective view of a clothes drier according to the invention, and

Fig. 2 is a plan view of the drier shown in Fig. 1.

Referring to the Figures, a clothes drier comprises a frame 1 and a bracket 2 which is secured to an external wall of a building adjacent a window 11. The frame 1 includes four generally T-shaped frame members 3 made of aluminium or galvanised piping and secured together centrally at 4. The diameter of the frame will generally be from 5 to 7 feet.

The frame has a central axle 5 secured to the frame members 3 at 4 and extending upwardly out of the plane of the frame. The bracket 2 includes an end portion 6 having two vertically spaced apertures 7

and 8 through which the axle 5 passes. Nylon bushes are provided in the apertures 7 and 8 to ensure that the axle 5 will rotate freely therein and a nut 9 prevents the frame from becoming detached from the bracket when in use. The bracket 2 is preferably made of galvanised angle iron or aluminium in order to resist corrosion.

It will be noticed from Fig. 2 that the bracket 2 is angled so that it does not project at right angles to the wall in the plane of the frame. The angle between the bracket and the wall is preferably from 60° to 70° but this will depend on the size of the window 11 and diameter of the frame 1. This allows the frame to be positioned directly outside the window while the bracket is secured to the window frame or to the wall adjacent the window.

Between the frame members 3 are clothes-supporting members 10 which, in this embodiment are wires, or nylon cords. When the drier is in use, clothes are hung or pegged on to the members 10.

The drier shown in the drawings is particularly designed for external use although it may also be used indoors. For indoor use it may be desirable to reduce the diameter of the frame and/or to construct the bracket so that it projects perpendicularly from the supporting surface.

The materials out of which the drier is made are not critical although those mentioned above are to be preferred for external use.

The drier shown in the drawings is useful in multi-storey blocks of flats where facilities for hanging washing in the open air are often severely restricted. Using this drier a relatively large quantity of clothes can be dried in a small space and the necessity of unsightly clothes lines or poles is avoided.

WHAT I CLAIM IS:—

1. A clothes drier comprising a bracket and a frame mounted on the bracket for rotation through 360° relative thereto, said bracket being adapted to be secured to a

[Price 25p]

PATENT SPECIFICATION

(11) 1 282 071

DRAWINGS ATTACHED

(21) Application No. 7094/71 (22) Filed 17 March 1971

(45) Complete Specification published 19 July 1972

(51) International Classification D06F 57/12

(52) Index at acceptance

A4U 4A3 4H 4M 4R



(54) CLOTHES DRIERS

(71) I, DWIGHT PING KUEN AU, a British subject, of Flat 3A, 35 Broadcast Drive, Kowloon, Hong Kong, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to a clothes drier which is of particular use in multi-storey blocks of flats.

According to the invention there is provided a clothes drier comprising a bracket and a frame mounted on the bracket for rotation through 360° relative thereto, said bracket being adapted to be secured to a wall such that the axis of rotation of the frame is substantially vertical, and said frame including a plurality of elongated, spaced clothes-supporting members. Preferably the frame is substantially flat and the bracket is angled such that, when it is secured to a wall, it projects at an acute angle thereto in the plane of the frame.

Generally the clothes-supporting members are flexible and extend between rigid frame members which project radially from the axis of rotation.

A particular embodiment of the invention will now be described with reference to the accompanying drawings, in which:

Fig. 1 is a perspective view of a clothes drier according to the invention, and

Fig. 2 is a plan view of the drier shown in Fig. 1.

Referring to the Figures, a clothes drier comprises a frame 1 and a bracket 2 which is secured to an external wall of a building adjacent a window 11. The frame 1 includes four generally T-shaped frame members 3 made of aluminium or galvanised piping and secured together centrally at 4. The diameter of the frame will generally be from 5 to 7 feet.

The frame has a central axle 5 secured to the frame members 3 at 4 and extending upwardly out of the plane of the frame. The bracket 2 includes an end portion 6 having two vertically spaced apertures 7

and 8 through which the axle 5 passes. Nylon bushes are provided in the apertures 7 and 8 to ensure that the axle 5 will rotate freely therein and a nut 9 prevents the frame from becoming detached from the bracket when in use. The bracket 2 is preferably made of galvanised angle iron or aluminium in order to resist corrosion.

It will be noticed from Fig. 2 that the bracket 2 is angled so that it does not project at right angles to the wall in the plane of the frame. The angle between the bracket and the wall is preferably from 60° to 70° but this will depend on the size of the window 11 and diameter of the frame 1. This allows the frame to be positioned directly outside the window while the bracket is secured to the window frame or to the wall adjacent the window.

Between the frame members 3 are clothes-supporting members 10 which, in this embodiment are wires, or nylon cords. When the drier is in use, clothes are hung or pegged on to the members 10.

The drier shown in the drawings is particularly designed for external use although it may also be used indoors. For indoor use it may be desirable to reduce the diameter of the frame and/or to construct the bracket so that it projects perpendicularly from the supporting surface.

The materials out of which the drier is made are not critical although those mentioned above are to be preferred for external use.

The drier shown in the drawings is useful in multi-storey blocks of flats where facilities for hanging washing in the open air are often severely restricted. Using this drier a relatively large quantity of clothes can be dried in a small space and the necessity of unsightly clothes lines or poles is avoided.

WHAT I CLAIM IS:—

1. A clothes drier comprising a bracket and a frame mounted on the bracket for rotation through 360° relative thereto, said bracket being adapted to be secured to a

[Price 25p]



* C L M S *



wall such that the axis of rotation of the frame is substantially vertical, and said frame including a plurality of elongated, spaced clothes-supporting members.

5 2. A clothes drier according to claim 1, wherein the frame is substantially flat and the bracket is angled such that, when it is secured to a wall, it projects at an acute angle thereto in the plane of the frame.

10 3. A clothes drier according to claim 1 or 2, wherein the frame comprises a plurality of frame members which are secured to and extend radially from an axle situated at the axis of rotation.

15 4. A clothes drier according to claim 3, wherein the frame members are generally T-shaped.

20 5. A clothes drier according to claim 3 or 4, wherein the clothes-supporting members extend between the frame members.

6. A clothes drier according to any preceding claim, wherein the clothes-supporting members are flexible.

7. A clothes drier according to claim 6, wherein the clothes-supporting members 25 are wires or plastics cords.

8. A clothes drier according to any preceding claim wherein the bracket is made of aluminium or galvanised iron.

9. A clothes drier substantially as hereinbefore described with reference to and as illustrated in the accompanying drawings. 30

For the Applicants,
D. YOUNG & CO.,
Chartered Patent Agents,
9 Staple Inn,
London, W.C.1.

Printed for Her Majesty's Stationery Office by Burgess & Son (Abingdon), Ltd.—1972.
Published at The Patent Office, 25 Southampton Buildings, London, WC2A 1AY,
from which copies may be obtained.