

(12) **UK Patent Application** (19) **GB** (11) **2 272 154** (13) **A**

(43) Date of A Publication 11.05.1994

(21) Application No 9318057.8

(22) Date of Filing 12.08.1993

(30) Priority Data

(31) 9222883 (32) 31.10.1992 (33) GB

(71) Applicant(s)

Edward Thomas Patrick Doughney  
52 Orchard Lane, HARROLD, Bedfordshire, MK43 7BP,  
United Kingdom

(72) Inventor(s)

Edward Thomas Patrick Doughney

(74) Agent and/or Address for Service

Edward Thomas Patrick Doughney  
52 Orchard Lane, HARROLD, Bedfordshire, MK43 7BP,  
United Kingdom

(51) INT CL<sup>5</sup>

A47K 17/00, E06C 1/52

(52) UK CL (Edition M)

A4N N2D1 N8X  
E1S SLS5

(56) Documents Cited

None

(58) Field of Search

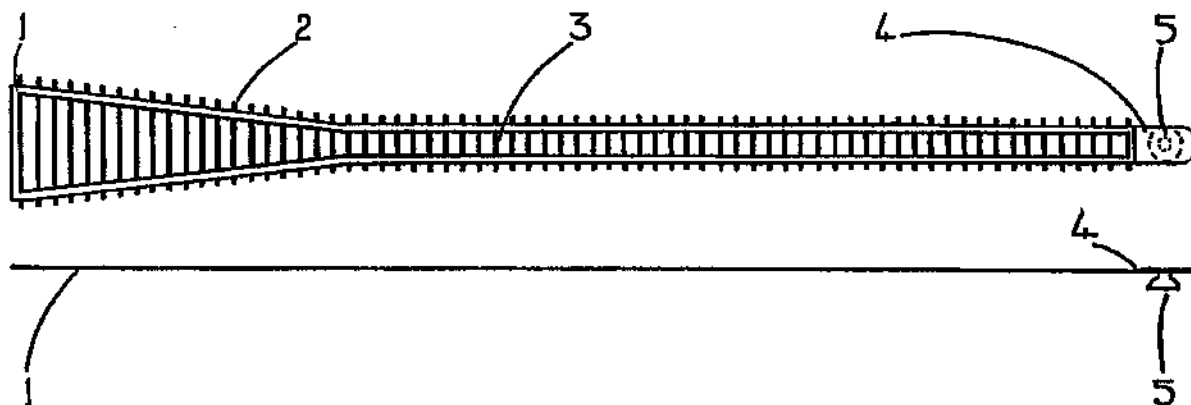
UK CL (Edition L) A4N N8X, E1S SLS5

INT CL<sup>5</sup> A47K 17/00, E06C 1/52

Online database: WPI

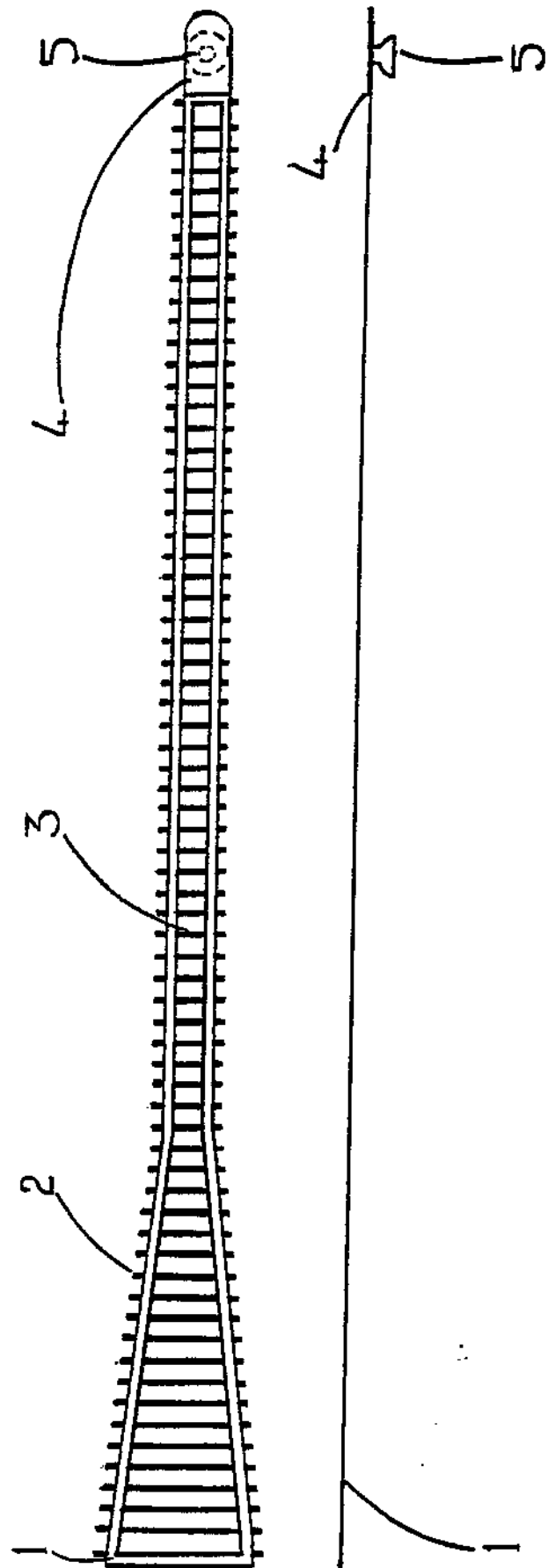
(54) Spider ladder provided with means for attachment to an item of sanitary ware

(57) A spider ladder comprises a thin flexible Latex rubber strip (1) and a suction pad (5), the strip is designed to follow the inner contours of a bath. Suction pad (5) enables the strip to be positioned on or near the top edge of a bath. In use the suction pad is positioned on or near the top edge of a bath and the strip is allowed to fall under gravity down the inner contours of a bath. Trapped spiders searching for an escape route will scale the spider ladder by means of (2) and (3) the inner and outer steps respectively.



GB 2 272 154 A

1/1



## Spider Ladder

This invention relates to a Spider Ladder and more particularly to a Spider Ladder for attachment to a bath or basin.

The common house spider is often trapped within a bath or basin. This is mainly due to a spider's inability to negotiate or scale the smooth inner countours of a conventional bath or basin.

According to the present drawing, figure (1) shows a thin flexible rubber strip attached to a suction pad, figure (5). The suction pad, figure (5), is positioned on or near the top edge of a bath or basin and the Spider Ladder is allowed under gravity to follow the inner contours of a bath or basin until the free end is positioned at the inner base.

In order to prevent spiders from seeking refuge under the Spider Ladder, figure (1), the strip is made from a flexible material preferably rubber or plastic. To prevent slipping consideration is given to the adhesive properties of the material chosen, as this assists a spider when climbing the Ladder.

The width of the base assists a spider seeking refuge to find the Ladder quickly and climb the Ladder faster. Figures (2) and (3) show the inner and outer steps respectively. Figure (4) relates to the thickness of rubber which surrounds the suction pad. This has the advantage of added strength to the suction pad base.

## Claims

1. A Spider Ladder comprising a thin flexible Latex rubber strip, means for attaching the Latex to a bath, a basin or sink inner and outer steps and a wide base.
2. A Spider Ladder as claimed in claim 1 wherein a Suction Pad is provided attached to the Latex strip.
3. A Spider Ladder as claimed in claim 1 or claim 2 where the adhesive properties of the Latex rubber strip enables a spider(s) to scale a Spider Ladder.
4. A Spider Ladder as claimed in claim 1 or claim 2 or claim 3 consideration is given to the nature of the species or family of spiders in their preference for colours with reference to the colour of a Spider Ladder.
5. A Spider Ladder as claimed in claim 1 a thin Latex rubber strip is flexible as required to follow the inner contours of a bath, a basin or sink.
6. A Spider Ladder substantially as described herein with reference to Figures (1)-(2)-(3)-(4)-(5) of the accompanying drawing.

Patents Act 1977  
 Examiner's report to the Comptroller under Section 17  
 (The Search report)

- 3 -

Application number  
 GB 9318057.8

Relevant Technical Fields

- (i) UK Cl (Ed.L)      A4N (N8X); E1S (SLS5)
- (ii) Int Cl (Ed.5)    A47K 17/00; E06C 1/52

Search Examiner  
 D HAWORTH

Date of completion of Search  
 3 NOVEMBER 1993

Databases (see below)

- (i) UK Patent Office collections of GB, EP, WO and US patent specifications.
- (ii) ONLINE DATABASE: WPI

Documents considered relevant following a search in respect of Claims :-  
 1-6

Categories of documents

- X: Document indicating lack of novelty or of inventive step.
- Y: Document indicating lack of inventive step if combined with one or more other documents of the same category.
- A: Document indicating technological background and/or state of the art.
- P: Document published on or after the declared priority date but before the filing date of the present application.
- E: Patent document published on or after, but with priority date earlier than, the filing date of the present application.
- &: Member of the same patent family; corresponding document.

Category	Identity of document and relevant passages	Relevant to claim(s)
	NONE	

Databases: The UK Patent Office database comprises classified collections of GB, EP, WO and US patent specifications as outlined periodically in the Official Journal (Patents). The on-line databases considered for search are also listed periodically in the Official Journal (Patents).