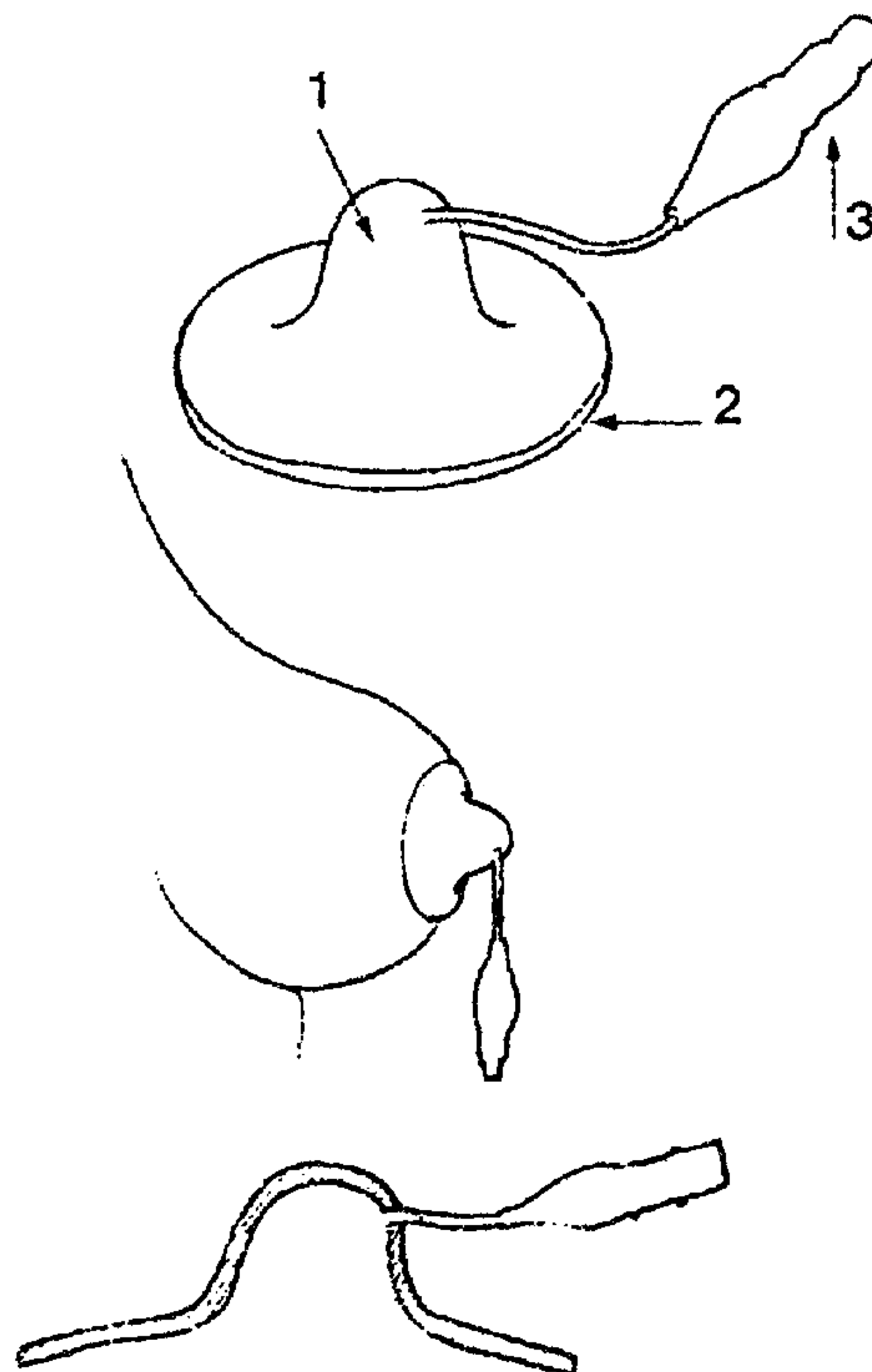




(86) Date de dépôt PCT/PCT Filing Date: 1992/11/20
(87) Date publication PCT/PCT Publication Date: 1993/06/24
(45) Date de délivrance/Issue Date: 2002/10/15
(85) Entrée phase nationale/National Entry: 1994/05/16
(86) N° demande PCT/PCT Application No.: GB 1992/002159
(87) N° publication PCT/PCT Publication No.: 1993/011806
(30) Priorité/Priority: 1991/12/10 (9126230.3) GB

(51) Cl.Int.⁵/Int.Cl.⁵ A61M 1/00, A61J 13/00
(72) Inventeur/Inventor:
McGeorge, Douglas Donald, GB
(73) Propriétaire/Owner:
McGeorge, Douglas Donald, GB
(74) Agent: GOWLING LAFLEUR HENDERSON LLP

(54) Titre : DISPOSITIF D'EVERSION DE MAMELON A SUCTION
(54) Title: SUCTION NIPPLE EVERSION DEVICE



(57) **Abrégé/Abstract:**

A device incorporating a transparent nipple mould (1) with a sealing flange (2) attached to a valve and syringe port (3). With the device held on the breast, over the nipple areolar complex, air can be withdrawn and the inverted nipple sucked up into the mould (1). Periodic use stretches up the short lactiferous ducts.





INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵:

A61M 1/00

2123702

A1

(11) International Publication Number:

WO 93/11806

(43) International Publication Date:

24 June 1993 (24.06.93)

(21) International Application Number: PCT/GB92/02159

(22) International Filing Date: 20 November 1992 (20.11.92)

(30) Priority data:

9126230.3

10 December 1991 (10.12.91) GB

(71)(72) Applicant and Inventor: McGEORGE, Douglas, Donald [GB/GB]; The Coach House, 21A Crescent Road, Kingston upon Thames, Surrey KT2 7RD (GB).

(81) Designated States: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG).

Published

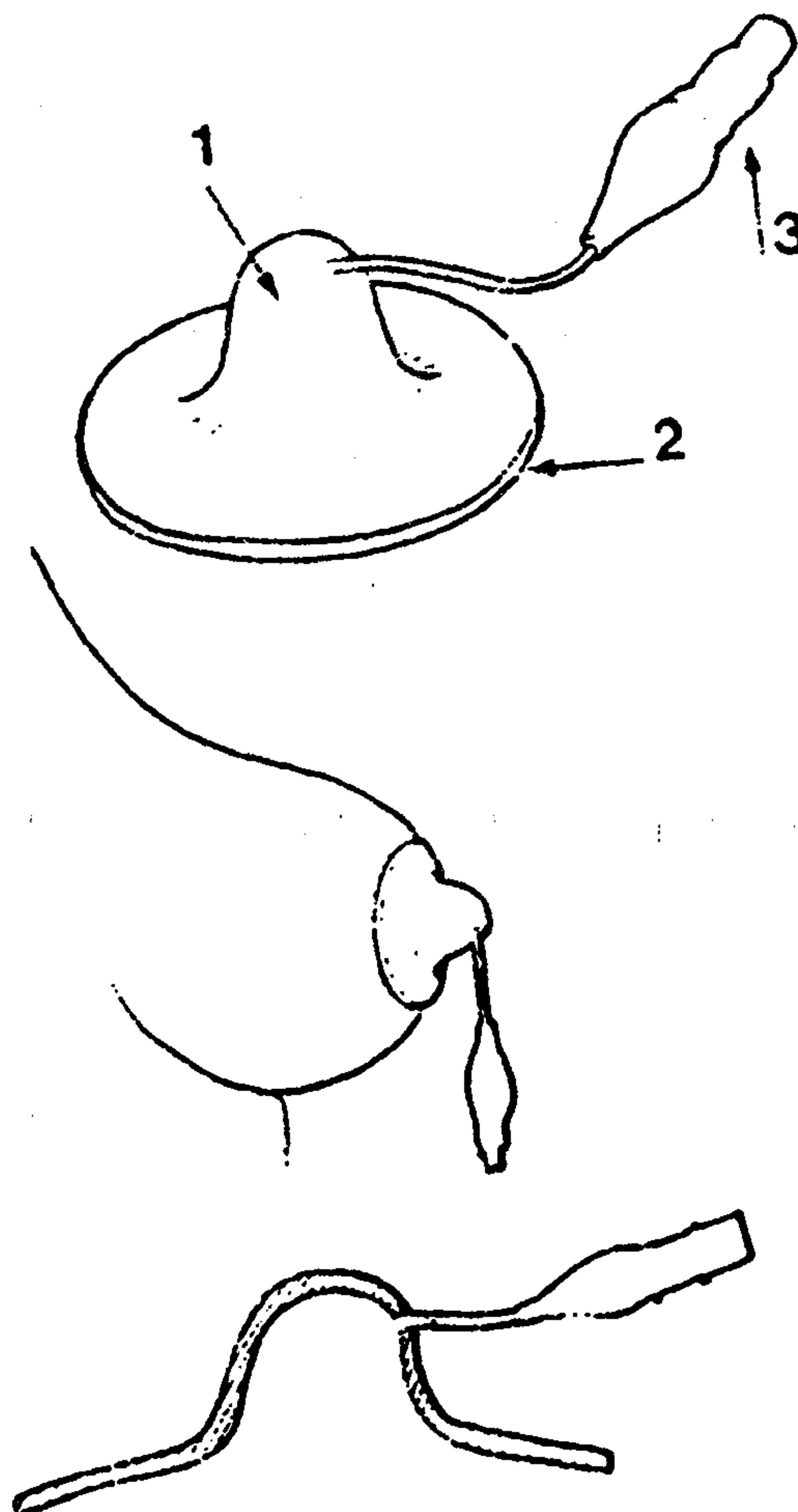
With international search report.

2123702

(54) Title: SUCTION NIPPLE EVERSION DEVICE

(57) Abstract

A device incorporating a transparent nipple mould (1) with a sealing flange (2) attached to a valve and syringe port (3). With the device held on the breast, over the nipple areolar complex, air can be withdrawn and the inverted nipple sucked up into the mould (1). Periodic use stretches up the short lactiferous ducts.



SUCTION NIPPLE EVERSION DEVICE

2123702

This invention relates to a suction device for the correction of inverted nipples.

Inverted nipples are a common problem caused by short lactiferous ducts. Many operative procedures are available for their correction but all have limitations. This submission is for a simple device that corrects inverted nipples without the need for operative intervention by stretching the ducts.

According to the present invention a nipple mould with sealing flange is fitted with a valve to allow suction.

The invention is described in more detail with reference to the accompanying drawings:

Fig.1. The suction nipple eversion device in perspective.

Fig 2. The suction nipple eversion device in position.

Fig 3. Cross sectional view of the device.

With reference to the diagrams the device is a nipple mould (1) fitted with a sealing flange (2). Attached to the nipple mould on a flexible tube is a valve fitted with a syringe port (3).

2123702

With the device held against the nipple areolar complex of the breast air can be withdrawn with a syringe. The negative pressure so created draws out the inverted nipple into the mould. The nipple is visualised during use through the transparent mould.

Removal is effected by simply lifting the device off the breast from the edge of the seal so disrupting the seal and equalizing the pressure.

The device is worn for intervals over a period of time and stretches out the lactiferous ducts. As it supports itself individuals are free to move about during use.

CLAIMS

5 1. A suction nipple eversion device comprising a nipple mould for receiving a nipple of the breast of a user of the device and a sealing flange for sealing the nipple
10 mould against the nipple areolar complex of the breast under negative pressure produced upon withdrawal of air from the mould, wherein the device further comprises a valve in fluid communication with the mould to withdraw air from the mould and wherein the device in use is self-supporting upon the nipple areolar complex.

2. A suction nipple eversion device according to claim 1 wherein the valve is provided with a syringe port.

15 3. A suction nipple eversion device according to claim 1 wherein the nipple mould is transparent.

2123702

1/1

