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(72) Inventor(s):  
**GARY BRODIGAN**

(73) Proprietor(s):  
**GARY BRODIGAN**  
32 Woodlands  
Dunleer  
Co. Louth  
Ireland

(74) Agent and/or Address for Service:  
**GARY BRODIGAN**  
32 Woodlands  
Dunleer  
Co. Louth  
Ireland

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## Clean Paint Pour Device

The "Clean Paint Pour Device" that fits over the top of paint tin (750ml, 2.5 L and or 5 L in size) to keep the surface clean when pouring. The device is made of latex. When finished painting it can be disposed of in accordance with waste regulations and recycling regulations.

5 The device is flexible and will fit tight over the top of the tin to cover to a depth of 20mm inside the tin and 20mm outside the tin. It hugs the 5mm groove on the rim of the tin also.

10 The reason the tolerance is so tight is allow no paint seepage between the latex lower surface and the surface of the tin. This must be water tight. The purpose of the device is to cover and protect the top of the tin from paint and to avoid dried paint on the surface of the tin rim and lid recess.

15 When the person is finished their paint job they simply remove the paint pour device to reveal a clean surface that will allow the lid to be replaced without any residue interfering with the lid closure. The device has a pouring spout to allow the paint to be poured cleanly also into a tray or required holder. The device is designed to be washed and reused or alternatively disposed of after use in line with waste regulations.

### Field of invention:

This paint pour device relates to home decoration (indoors and outdoors) and all DIY. When using standard paint tins, the paint dries around the top of the tin and this causes an obstruction to resealing the tins, should the paint be required at later date.

20 The device aims to:

- protect the top of the tin from paint getting onto the surface of the rim,
- allow an individual to pour paint easily out of the tin,
- be able to remove the latex clean paint pour device, dispose of it or wash it for another day when painting is completed, and
- 25 • prolong the shelf life of a previously opened tin of paint

### Background:

30 Painting is a daily activity in life of DIY enthusiasts and professionals completing paint jobs. More often than not people do not use all the contents of the paint tin and want to return to use the paint at a later date. Usually, the tins cannot be resealed cleanly because of the residue of dried or old paint, causing the contents of the tins to dry up also.

The paint pour device will extend over the rim of the tin to a depth of 20mm inside and 20mm inside the tin thus protecting the surface underneath and keeping it clean and in its original state.

- 5 For many years, I have painted at home and it has always annoyed me that when I am finished painting there is mess left by dried paint on top of the rim of the tin of paint that will not allow me seal the tin correctly. When I have gone back to use the paint tin and contents a later date the tin is not sealed correctly and the contents more often than not have gone off, dried up or become discoloured.
- 10 The clean paint pour device will avoid this scenario and has been developed to match any paint tin type or size.

**Statement of invention:**

- Accordingly, there is device provided that will be, flexible, washable, disposable, reusable if required, that will fit over a 750ml, 2.5 litre or 5 litre standard sized paint tin. The advantages of this invention are that it will prevent a 750ml, 2.5 litre and or 5 litre paint tin from becoming soiled with paint residue and will allow the tin to be re sealed when painting is completed
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**Brief description of drawings:**

- The invention will be more clearly understood from the following description of the embodiment thereof, given by way of example only, in which: Figure 1a, 1b and 1c show the clean paint pour device that will fit a 750 millilitre standard paint tin in front, side and plan view respectively. A 3D sketch of the device for a 750ml paint tin can be seen in Figure 4.
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Figure 2a, 2b and 2c show the clean paint pour device that will fit a 2.5 litre standard paint tin in front, side and plan view respectively. A 3D sketch of the device for a 2.5 L paint tin can be seen in Figure 5.

- 25 Figure 3a, 3b and 3c show the clean paint pour device that will fit a 5 litre standard paint tin in front, side and plan view respectively. A 3D sketch of the device for a 5 L paint tin can be seen in Figure 6.

**Detailed description:**

The clean paint pour latex device is illustrated in as follows:

Figure 1a, 1b and 1c shows the dimensions of the device the template for the 750millilitre device. The front view shows the device from above and has an outer diameter of 97mm and inner diameter of 87mm.

Figure 2a, 2b and 2c shows the dimensions of the device the template for the 2.5 litre device.

- 5 The front view shows the device from above and has an outer diameter of 155mm and inner diameter of 142mm.

Figure 3a, 3b and 3c shows the dimensions of the device the template for the 2.5 litre. The front view shows the device from above and has an outer diameter of 155mm and inner diameter of 142mm.

- 10 The devices represented are made from latex and are flexible and have elastic properties in order to be able to fit across the top of a 750 mL, 2.5 litre and 5 litre paint tins with a very tight tolerance to stop seepage.

All shown devices are designed to fit over the top of the paint tin down to a depth of 20 mm on the outside of the tin and 20 mm on the inside of the tin.

- 15 The underside of the device has a groove of 5mm in radius that sits down into the rim of the paint tin top recess and is water tight. The skin of the device is 2mm thick to allow some sort of durability and to allow for some corrosion even though the device is deposable or washable depending on the user. The device is latex and will only last a certain amount of time before it wears with constant usage.

- 20 There are alternative devices to this on the US market called "Paint Pour and Store" but that is a complete lid with a nozzle and is a permanent fixture on the paint tin. Our clean pour paint device does not cover the whole lid area, is disposable and allows the pouring of paint via a lip on the outer rim. The pour lip is 20mm in depth and 30mm wide on the paint tin outer rim and 20mm wide at the furthest distance from the paint tin.

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**Claims:**

1. A device to eliminate paint residue on the top of a paint tin comprising:
  - 5 a latex ring, of various circumference to accommodate varying paint tins,  
  
wherein the underside of the latex ring has a groove of 5mm in radius that sits down into the rim of the paint tin top recess forming a watertight seal;  
  
10 wherein the latex ring extends, over the rim, 20 mm inside the paint tin and 20 mm outside the paint tin;  
  
wherein a lip portion or pouring spout is present on the ring to allow  
15 easy pouring of the paint into a tray or required holder;  
  
wherein the device is of sufficient thickness to allow durability over time.
- 20 2. A device to eliminate paint residue on the top of a paint tin as hereinbefore described with reference to the accompanying drawing.

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Drawings:

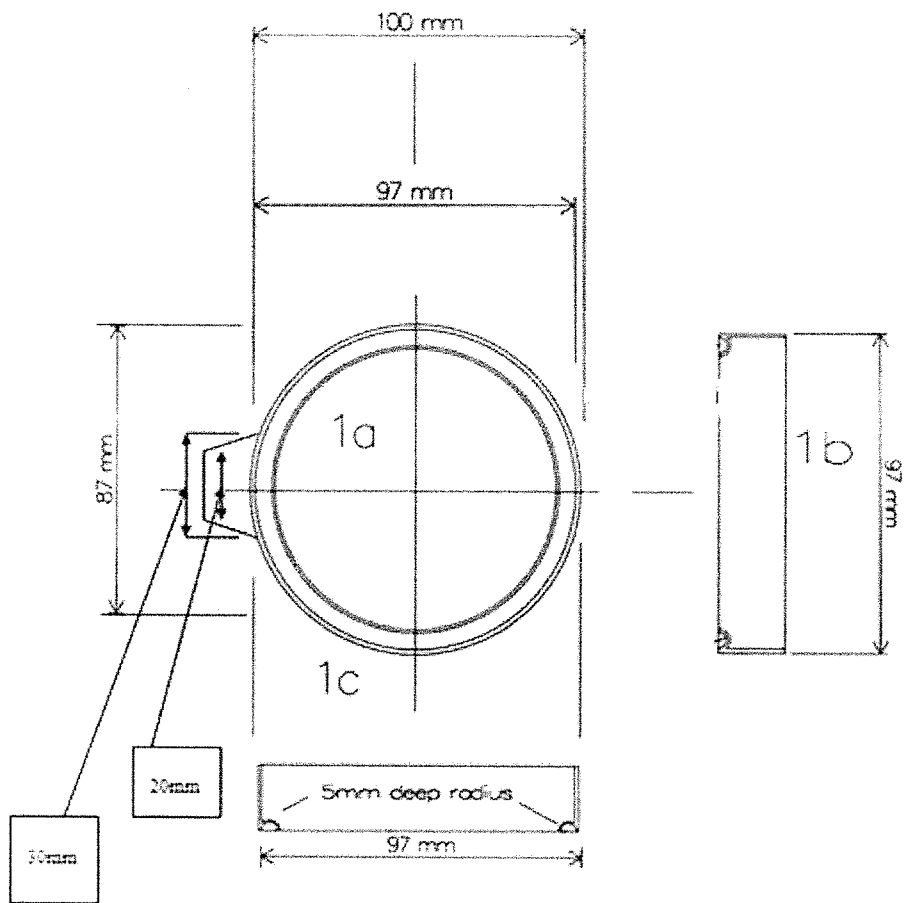


Figure 1a, 1b and 1c show the clean paint pour 750ml

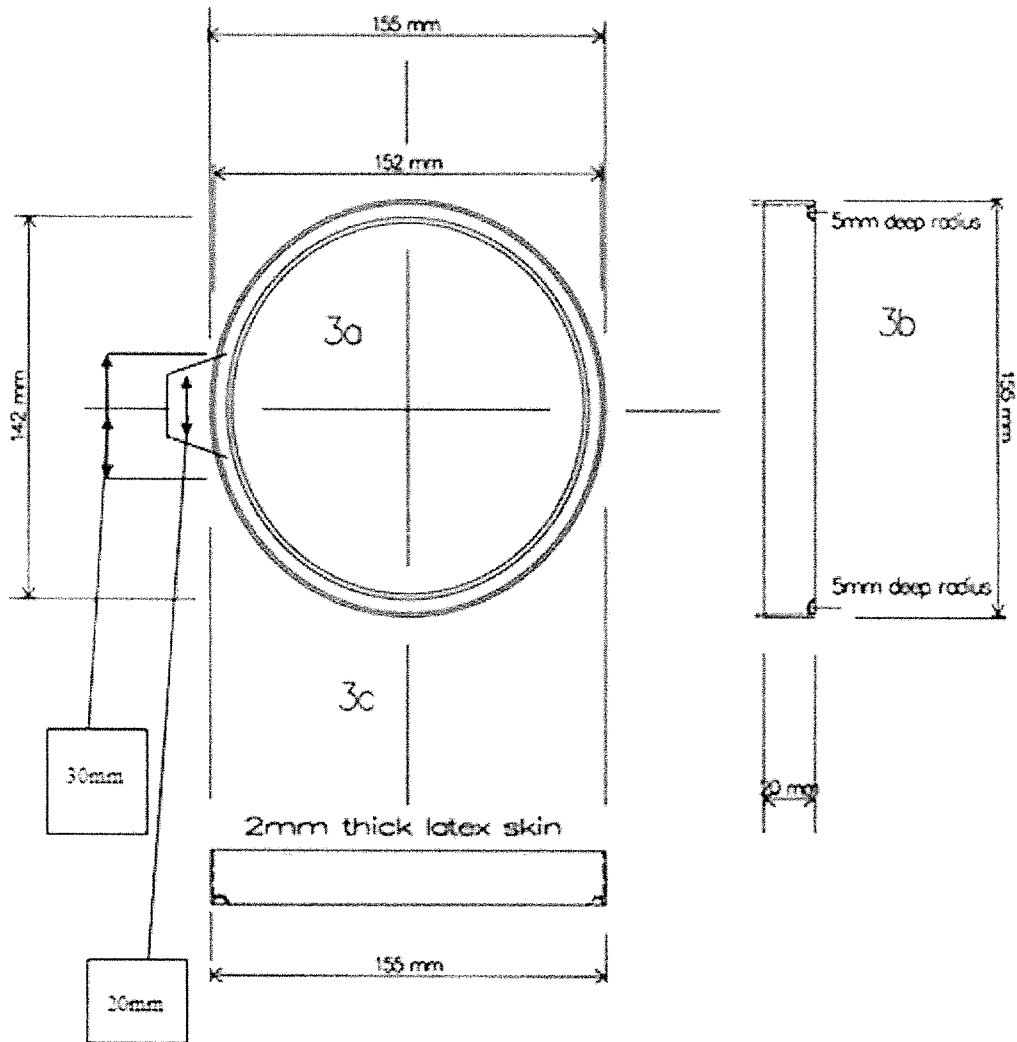


Figure 3a, 3b and 3c show the clean paint pour

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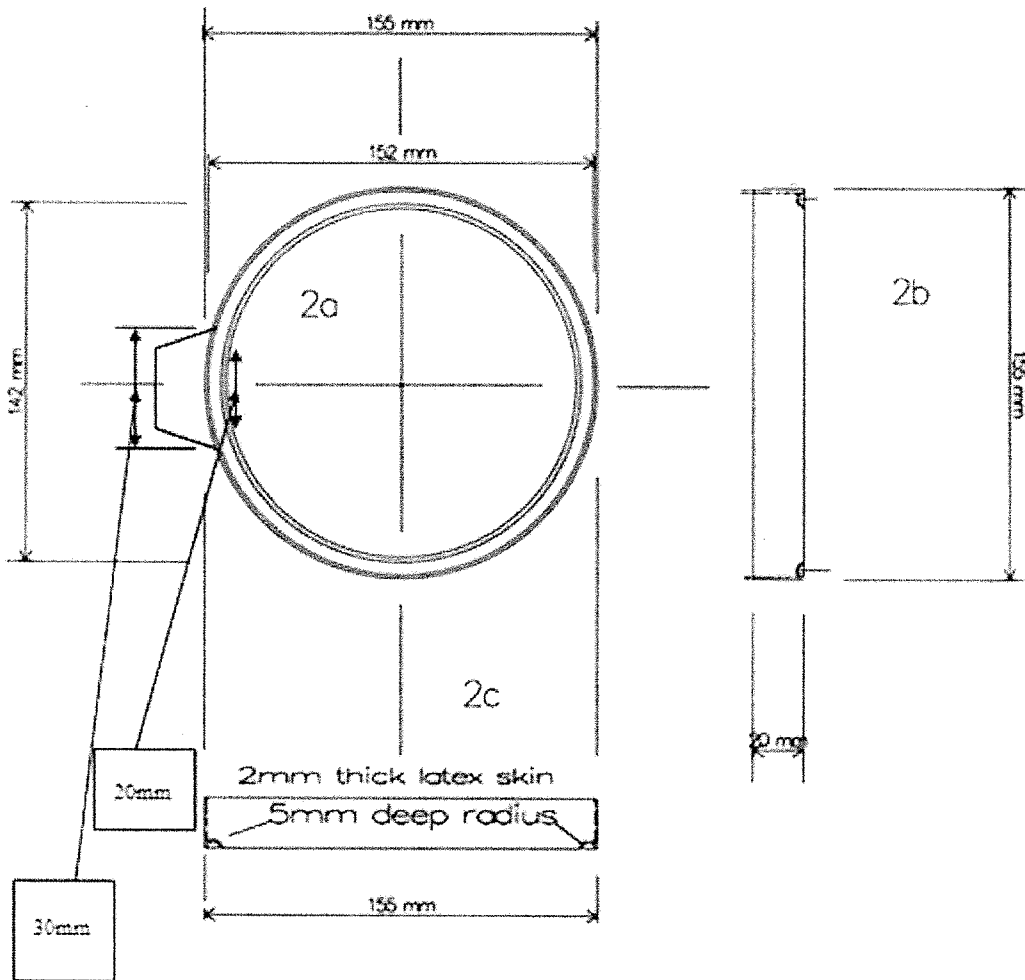


Figure 2a, 2b and 2c shows the clean paint pour 2.5ltr

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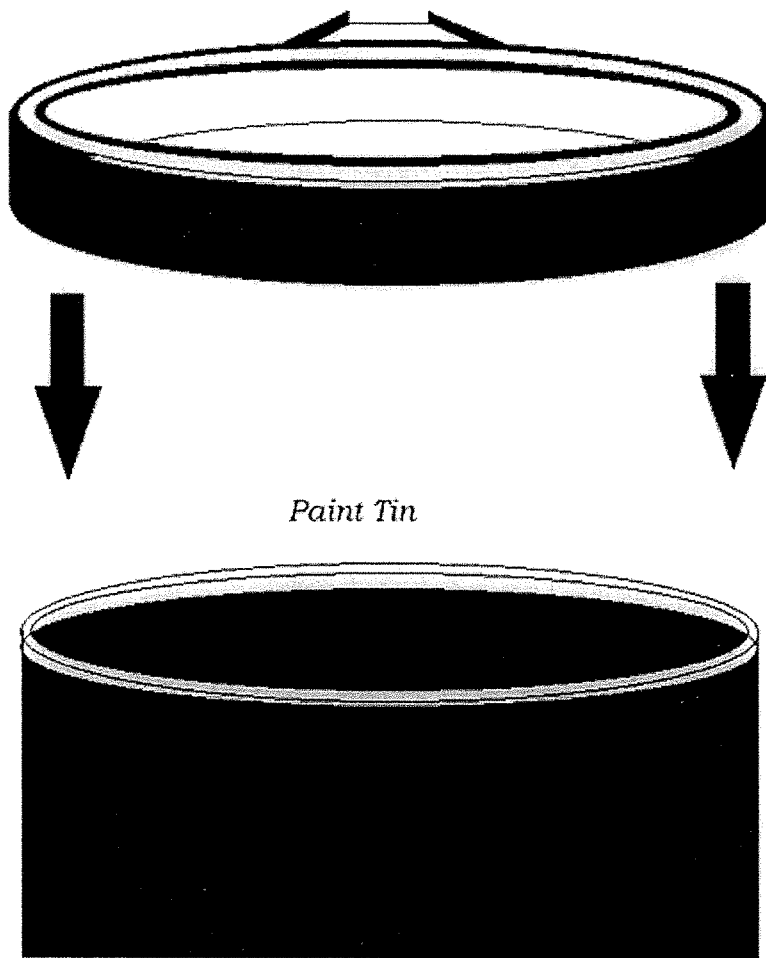


Figure 4 clean paint pour 750ml in 3D

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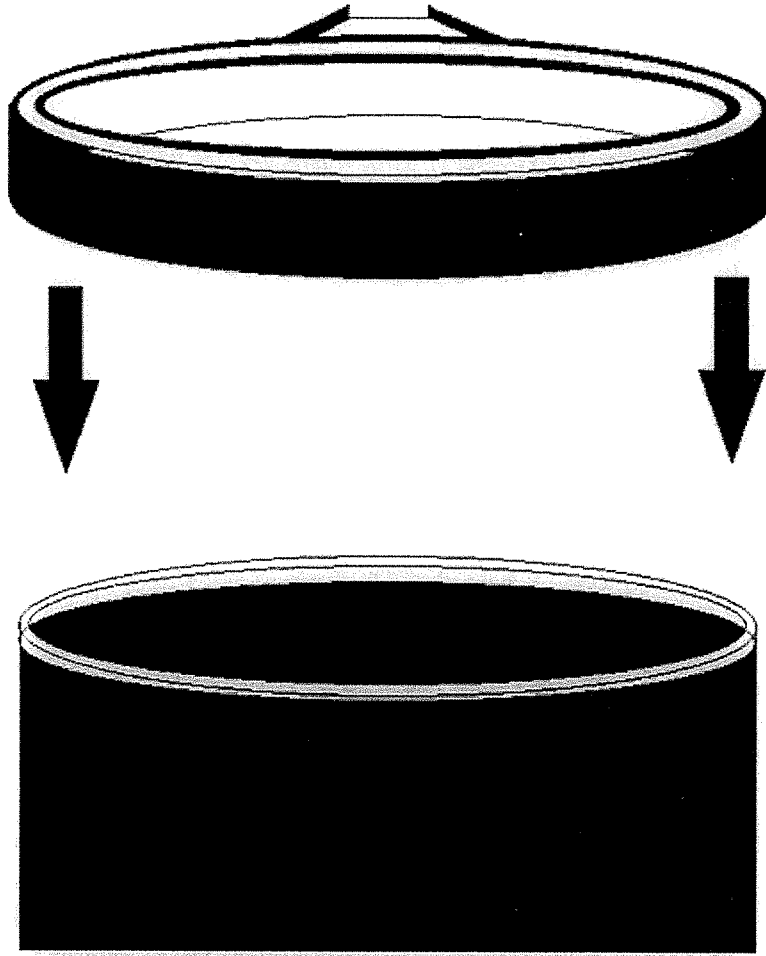


Figure 5 clean paint pour 2.5 Litre in 3D

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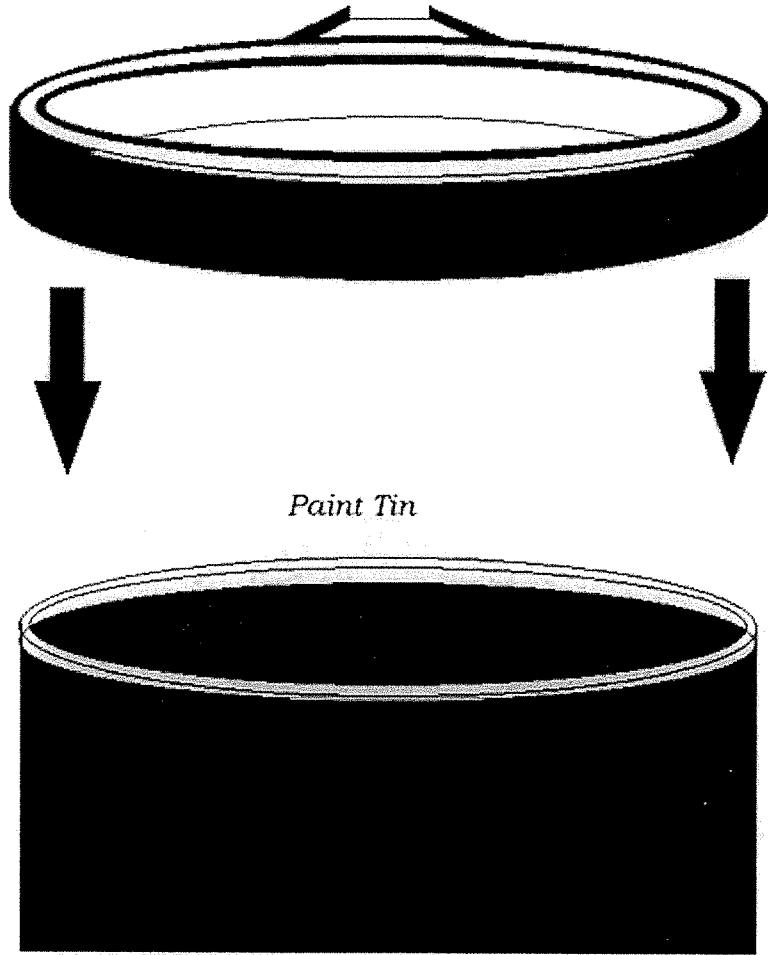


Figure 6 clean paint pour 5 Litre in 3D