

MEDI GARD

PATENTS
SEPTEMBER 2009

PATENTS

Family Group 1

NUMBER	COUNTRY	DATE FILED	TITLE	RENEWAL DATE	STATUS
5658257	United States	21/04/1992	Syringe		Registered

These patents relate to a disposable Single Use Syringe for administering medicament which includes a needle attachment member gripping means constituting a closure of the distal end of the plunger of the syringe and being adapted to engage a needle attachment member so that the needle attachment member can be retracted into the interior of the plunger by vacuum with the plunger. The syringe is intended to minimise the possibility of injury following use thereof. These patents are in the name of Medisafe Instruments Pty Ltd but owned by Medigard Limited.


Family Group 3

NUMBER	COUNTRY	DATE FILED	TITLE	RENEWAL DATE	STATUS
2005207079	Australia	21/01/2005	Improvements to a Blood Collection Device	11/09/2008	Granted
7544169	United States	21/01/2005	Improvements to a Blood Collection Device	09/06/2009	Granted

Australian patent application No. 2004900310 entitled "Improvements to Blood Collection Device" filed 23 January 2004 in the name of Medigard Ltd. This patent application relates to a Blood Collection Device incorporating a syringe element and a vacuum tube for retracting the needle.

PCT/AU2005/000063

This application was completed on 21 January 2005. A worldwide Patent Co-operation Treaty (PCT) application for the Improvements to a Blood Collection Device was lodged on 21 January 2005. An International Report received on this patent was favourable and considers 9 of the 10 claims to be novel, inventive and all of the claims to have industrial applicability. This device entered the National Phase on the 21 July 2006 in the following countries:



NUMBER	COUNTRY
2552971	Canada
05700095-2	Europe
2006-549781	Japan

Family Group 4

Australian patent application No. 2003903990 entitled "Cannula/Catheter Introducer" filed 31 July 2003 in the name of Medigard Pty Ltd. This patent application relates to a cannula/catheter introducer device incorporating a retractable syringe element.

PCT/AU2004/001012

This application was completed on 31 July 2004. A worldwide Patent Co-operation Treaty (PCT) application for an enhanced Cannula/Catheter Introducer was lodged on 31 July 2004. An International Report received on this patent was favourable and considers all claims to be novel, inventive and have industrial applicability.

This device entered the National Phase on the 31 January 2006 in the following countries:

NUMBER	COUNTRY
2004260553	Australia
544485	New Zealand
2534174	Canada
10/565734	USA
04737630.6	Europe
2006-521347	Japan

Family Group 5

Australian patent application No. 2004904738 entitled "A Medical Device Containing a Vacuum Chamber" filed 20 August 2004 in the name of Medigard Limited.

The patent relates to a vacuum chamber where the vacuum in this chamber can be generated on demand (typically just prior to use of the medical device).

PCT/AU2005/001220

This application was completed on the 15 Aug 2005. A worldwide Patent Co-operation Treaty (PCT) application for "A Medical Device Containing a Vacuum Chamber" was lodged on 15 Aug 2005.

An International Report received on this patent was favourable and considers all claims to be novel, inventive and have industrial applicability.

This device entered the National Phase on the 15th February, 2007, in the US only under the number 11/660020.

This product was allowed to lapse.

Family Group 8

Australian patent application No 2005904695 entitled "A Valve for use with a Catheter/Cannula" filed 29 August 2005 in the name of Medigard Limited.

This patent relates to an active medical device such as an Intravenous Valve used with an inserter.

Family Group 8a

Australian patent application No 2005905748 entitled "Improvements to a One Way Valve" filed 18 October 2005 in the name of Medigard Limited.

This patent relates to a passive medical device such as an Intravenous Valve used with an inserter.

Both Family Group 8 and Family Group 8A are grouped under Patent Co-operation Treaty number PCT/AU2006/001203.

This device entered National Phase on 21 February 2008 in the following countries:

COUNTRY	NUMBER
Australia	2006287103
Canada	2655656
USA	12/065463
Europe	06774837.6
Japan	2008-528292

Family Group 9

Australian patent application No 2006901267 entitled "A Needle Containing Medical Device with Variable

Locking to Needle Holder" filed 13 March 2006 in the name of Medigard Limited. This patent relates to a disposable Single Use Syringe which includes a needle attachment member and a plunger incorporating a piston. This piston is able to incrementally engage to the needle member so it can be retracted into the interior of the plunger by vacuum.

A worldwide Patent Co-operation Treaty (PCT) has been lodged number PCT/AU2007/000299.

This device entered National Phase on 13 September 2008 in the following countries:

COUNTRY	NUMBER
Australia	2007225005
Canada	2642894
USA	12/293024
Europe	07718556.9
Japan	2008-558591
India	8397/DELNP/2008
China	200780008994.X
South Africa	2008/08532

Family Group 10

Australian patent application No. 2007905582 entitled "A Syringe" filed 11th October 2007 in the name of Medigard Limited.

This patent relates to a disposable Single Use Syringe which utilises a glass pre-fill encased in our device.

This product was allowed to lapse.

Family Group 11

Australian patent application No. 2008903652 entitled "A Retractable Syringe" filed 17 July 2008 in the name of Medigard Limited.

This patent relates to a disposable single use syringe with a fixed needle and is retracted automatically by vacuum when activated, this device also has an auto needle cap ejector.

PCT/AU2009/000918

This application was completed on the 17 July 2009. A worldwide Patent Co-operation Treaty (PCT) application for "A Retractable Syringe" was lodged on 17 July 2009.