

01-26-2004

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Form PTO-1594 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings

102654491 TRADEMARKS ONLY

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Arrow-Therex Corporation
Individual(s) Association General Partnership Limited Partnership
[X] Corporation-State Delaware Other
Additional name(s) of conveying party(ies) attached? [X] Yes [ ] No

2. Name and address of receiving party(ies)
Name: Arrow International, Inc.
Internal Address:
Street Address: 2400 Bernville Road
City: Reading State: PA Zip: 19605
Individual(s) citizenship Association General Partnership Limited Partnership
[X] Corporation-State Pennsylvania Other
If assignee is not domiciled in the United States, a domestic representative designation is attached: [ ] Yes [ ] No (Designations must be a separate document from assignment)
Additional name(s) & address(es) attached? [ ] Yes [ ] No

3. Nature of conveyance:
[X] Assignment Merger Security Agreement Change of Name Other
Execution Date: August 8, 2003

4. Application number(s) or registration number(s):
A. Trademark Application No.(s)
Additional number(s) attached [ ] Yes [X] No

B. Trademark Registration No.(s) 1691316

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Michael P. Giles, Esquire
Internal Address: 5th Floor
Street Address: 501 Washington Street P. O. Box 942
City: Reading State: PA Zip: 19603

6. Total number of applications and registrations involved: 1
7. Total fee (37 CFR 3.41) \$40.00
Enclosed Authorized to be charged to deposit account
8. Deposit account number: 501581
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Kathleen S. Wetzel Kathleen S. Wetzel
Name of Person Signing Signature
Date: Jan. 6, 2004

Total number of pages including cover sheet, attachments, and document: 16

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

01/23/2004 LNUELLER 00000189 501581 1691316

01 FC:0521 40.00 DA

TRADEMARK REEL: 002901 FRAME: 0684

ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS, Arrow-Therex Corporation, a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at 2400 Bernville Road, Reading, PA 19605 ("Arrow-Therex") is the owner of inventions and patents listed in Schedule A, annexed hereto and made a part hereof (herein referred to as the "Patents"); and

WHEREAS, Arrow-Therex is the owner of certain trademarks and tradenames listed in Schedule B, annexed hereto and made a part hereof (herein referred to as the "Trademarks"); and

WHEREAS, Arrow International, Inc. ("Arrow International"), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania having an office and place of business at 2400 Bernville Road, Reading, Pennsylvania is desirous of acquiring the entire right, title and interest in and to the Patents and the Trademarks in the United States of America, and in its colonies, territories and dependencies and also in all countries foreign to the United States of America.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, Arrow-Therex has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer unto said Arrow International the full and exclusive right, title, and interest in and to the Patents and Trademarks in the United States of America, and in its colonies, territories, and dependencies and also in all countries foreign to the United States of America, the same to be held and enjoyed by Arrow International for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which Letters Patents or trademark and tradename registration have been granted as fully and entirely as the same would have been held and enjoyed by Arrow-Therex if this Assignment had not been made.

Arrow-Therex hereby authorizes Arrow International and its successors to apply for a patent or patents or trademarks or tradenames directly in its own name, upon the aforesaid inventions and wherever the same is permitted by law, and also assigns, sells, transfers and sets over unto said Arrow International and its successors all priority rights.

Arrow-Therex further covenants to execute all additional instruments and to do all things necessary for carrying out the purpose of this instrument, at the expense of Arrow International and its successors.

IN WITNESS WHEREOF, Arrow-Therex Corporation has caused this Assignment to be signed in its corporate name by its duly authorized officer this 8 day of August 2003.

ARROW-THEREX CORPORATION

By: Marlin Miller, Jr.  
Marlin Miller, Jr., President

Attest: [Signature]

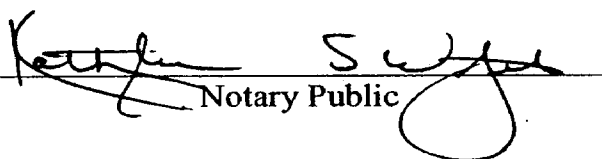
COMMONWEALTH OF PENNSYLVANIA

COUNTY OF BERKS

SS.

On this, the 8<sup>th</sup> day of August, 2003, before me, a Notary Public in and for the Commonwealth and County aforesaid, the undersigned officer, personally appeared Marlin Miller, Jr., who acknowledged himself to be the President of Arrow-Therex Corporation, a corporation, and that as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Corporation as its President.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

  
Notary Public

**Schedule A**

**Inventions and Patents**

PATENT BY OWNER

DOCKET NO.:AR403      COUNTRY: USA      APPN.NO.:      343914      PAT. NO.:      5,045,060  
                                 APPN. DT.: 04/26/1989      PAT. DT.: 09/03/1991

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION DEVICE

OWNER: Therex Limited Partnership

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DOCKET NO.:AR404      COUNTRY: USA      APPN.NO.:      509,564      PAT. NO.:      5,147,483  
                                 APPN. DT.: 04/13/1990      PAT. DT.: 09/15/1992

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION DEVICE AND METHOD OF MANUFACTURE THEREO

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DOCKET NO.:AR406      COUNTRY: USA      APPN.NO.:      08/388,530      PAT. NO.:      5,704,915  
                                 APPN. DT.: 02/14/1995      PAT. DT.: 01/06/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: HEMODIALYSIS ACCESS DEVICE

OWNER: Therex Limited Partnership

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DOCKET NO.:AR408      COUNTRY: EPC      APPN.NO.:      94103085.0      PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION APPARATUS

OWNER: Therex Limited Partnership

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DOCKET NO.:AR408      COUNTRY: FRAN      APPN.NO.:      94103085.0      PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION APPARATUS

OWNER: Therex Limited Partnership

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DOCKET NO.:AR408      COUNTRY: GBRI      APPN.NO.:      94103085.0      PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION APPARATUS

OWNER: Therex Limited Partnership

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PATENT BY OWNER

DOCKET NO.:AR408

COUNTRY: GERM APPN.NO.:  
APPN. DT.: 03/02/1994

94103085.0 PAT. NO.: 68928626.0-08  
PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION APPARATUS

OWNER: Therex Limited Partnership

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DOCKET NO.:AR408

COUNTRY: ITAL APPN.NO.:  
APPN. DT.: 03/02/1994

94103085.0 PAT. NO.: 0612535  
PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION APPARATUS

OWNER: Therex Limited Partnership

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DOCKET NO.:AR408

COUNTRY: NETH APPN.NO.:  
APPN. DT.: 03/02/1994

94103085.0 PAT. NO.: 0612535  
PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE  
TITLE: IMPLANTABLE INFUSION APPARATUS

OWNER: Therex Limited Partnership

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**Schedule B**

**Trademarks and Tradenames**

Trademarks For Owner: Therex Limited Partnership  
 Date of Report: 07/25/2003

Docket No.	Ctry	Types	Status	Cur App Dt	Curr App No	Curr Reg D	Curr Reg No
2000.144	USA		Registered	05/11/1987	73/659,981	08/30/1988	1,502,066
08/30/2008	08/30/2008						
Attorney:KSW		Client/Division:		Agent:		Class & Type: IN 10	
Mark: THEREX						Goods:Medical devices, namely, vascular	
access ports, infusion pumps, catheters, needles and cannulas							
2000.147	USA		Registered	03/19/1987	73/661,768	06/09/1992	1,691,316
06/09/2002	06/09/2002						
Attorney:BSS		Client/Division: ARROW		Agent:		Class & Type: IN 10	
Mark: A Port						Goods:IMPLANTABLE VASCULAR ACCESS	
PORTALS FOR MEDICAL USE							



ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS, Arrow Infusion Corporation, a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having an office and place of business at 2400 Bernville Road, Reading, PA 19605 ("Arrow Infusion") is the owner of inventions and patents listed in Schedule A, annexed hereto and made a part hereof (herein referred to as the "Patents"); and

WHEREAS, Arrow Infusion is the owner of certain trademarks and tradenames listed in Schedule B, annexed hereto and made a part hereof (herein referred to as the "Trademarks"); and

WHEREAS, Arrow International, Inc. ("Arrow International"), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania having an office and place of business at 2400 Bernville Road, Reading, Pennsylvania is desirous of acquiring the entire right, title and interest in and to the Patents and the Trademarks in the United States of America, and in its colonies, territories and dependencies and also in all countries foreign to the United States of America.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:


Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, Arrow Infusion has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer unto said Arrow International the full and exclusive right, title, and interest in and to the Patents and Trademarks in the United States of America, and in its colonies, territories, and dependencies and also in all countries foreign to the United States of America, the same to be held and enjoyed by Arrow International for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which Letters Patents or trademark and tradename registration have been granted as fully and entirely as the same would have been held and enjoyed by Arrow Infusion if this Assignment had not been made.

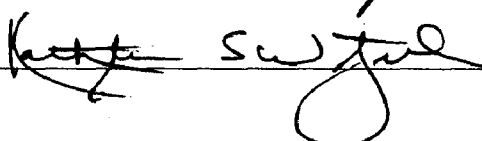
Arrow Infusion hereby authorizes Arrow International and its successors to apply for a patent or patents or trademarks or tradenames directly in its own name, upon the aforesaid inventions and wherever the same is permitted by law, and also assigns, sells, transfers and sets over unto said Arrow International and its successors all priority rights.

Arrow Infusion further covenants to execute all additional instruments and to do all things necessary for carrying out the purpose of this instrument, at the expense of Arrow International and its successors.

IN WITNESS WHEREOF, Arrow Infusion Corporation has caused this Assignment to be signed in its corporate name by its duly authorized officer this 8<sup>th</sup> day of August, 2003.

ARROW INFUSION CORPORATION

By:   
Marlin Miller, Jr., President

Attest: 

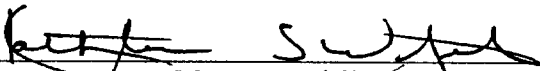
COMMONWEALTH OF PENNSYLVANIA

COUNTY OF BERKS

ss.

On this, the 8<sup>th</sup> day of August, 2003, before me, a Notary Public in and for the Commonwealth and County aforesaid, the undersigned officer, personally appeared Marlin Miller, Jr., who acknowledged himself to be the President of Arrow Infusion Corporation, a corporation, and that as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the Corporation as its President.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

  
Notary Public

Notarial Seal  
Kathleen S. Wetzel, Notary Public  
City Of Reading, Berks County  
My Commission Expires Dec. 30, 2006  
Member, Pennsylvania Association Of Notaries

**Schedule A**  
**Inventions and Patents**

PATENT BY OWNER

DOCKET NO.:AR403      COUNTRY: USA      APPN.NO.:      343914      PAT. NO.:      5,045,060  
                                 APPN. DT.: 04/26/1989      PAT. DT.: 09/03/1991

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION DEVICE

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DOCKET NO.:AR404      COUNTRY: USA      APPN.NO.:      509,564      PAT. NO.:      5,147,483  
                                 APPN. DT.: 04/13/1990      PAT. DT.: 09/15/1992

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION DEVICE AND METHOD OF MANUFACTURE THEREO

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DOCKET NO.:AR406      COUNTRY: USA      APPN.NO.:      08/388,530      PAT. NO.:      5,704,915  
                                 APPN. DT.: 02/14/1995      PAT. DT.: 01/06/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: HEMODIALYSIS ACCESS DEVICE

---

DOCKET NO.:AR408      COUNTRY: EPC      APPN.NO.:      94103085.0      PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION APPARATUS

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DOCKET NO.:AR408      COUNTRY: FRAN      APPN.NO.:      94103085.0      PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION APPARATUS

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                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION APPARATUS

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PATENT BY OWNER

DOCKET NO.:AR408      COUNTRY: GERM    APPN.NO.:      94103085.0    PAT. NO.: 68928626.0-08  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION APPARATUS

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DOCKET NO.:AR408      COUNTRY: ITAL    APPN.NO.:      94103085.0    PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION APPARATUS

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DOCKET NO.:AR408      COUNTRY: NETH    APPN.NO.:      94103085.0    PAT. NO.:      0612535  
                                 APPN. DT.: 03/02/1994      PAT. DT.: 03/25/1998

ATTORNEY: KENNETH P. GEORGE      OWNER: Therex Limited Partnership  
TITLE: IMPLANTABLE INFUSION APPARATUS

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**Schedule B**

**Trademarks and Tradenames**

Trademarks For Owner: Therex Limited Partnership  
 Date of Report: 07/25/2003

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Docket No.      Ctry  Types Status      Cur App Dt      Curr App No      Curr Reg D      Curr Reg No
Renewal         Expires
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2000.144        USA      Registered 05/11/1987      73/659,981      08/30/1988      1,502,066
08/30/2008     08/30/2008
Attorney:KSW    Client/Division:      Agent:      Class & Type: IN 10
Mark: THEREX    Goods:Medical devices, namely, vascular
access ports, infusion pumps, catheters, needles and cannulas

2000.147        USA      Registered 03/19/1987      73/661,768      06/09/1992      1,691,316
06/09/2002     06/09/2002
Attorney:BSS    Client/Division: ARROW      Agent:      Class & Type: IN 10
Mark: A Port    Goods:IMPLANTABLE VASCULAR ACCESS
PORTALS FOR MEDICAL USE
  
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