

OMB No. 0651-0011 (exp. 4/94)



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101624754

To the Honorable Commissioner of Patents and Trademarks, original documents or copy thereof.

## 1. Name of conveying party(ies):

MEDEX, INC.  
6250 Shier Rings Road  
Dublin, Ohio 43016

2001 2.20.01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☒ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 9, 2001

## 2. Name and address of receiving party(ies)

Name: PNC BANK, National Association, as Agent

Internal Address: \_\_\_\_\_

Street Address: Two Tower Center Boulevard

City: East Brunswick State: NJ ZIP: 08816

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application Number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

SEE ATTACHED SCHEDULE A

## B. Patent No.(s)

SEE ATTACHED SCHEDULE A

Additional numbers attached? ☒ Yes ☐ No

## 5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Federal Research Corp.

Internal Address: \_\_\_\_\_

Street Address: 400 Seventh Street, N.W., Suite 101

City: Washington State: DC ZIP: 20004

## 6. Total number of applications and patents involved

38

## 7. Total fee (37 CFR 3.41) .....

- ☐ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

(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.*

Loukia Harris

Name of Person Signing

Signature

February 13, 2001

Date

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

5

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Mail documents to be recorded with required coversheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 011533 FRAME: 0897

# SCHEDULE A

## Medex Patents

<u>Status</u>	<u>Application or Patent No.</u>	<u>Title</u>	<u>Filing Date</u>	<u>Issue Date</u>
	5578059	Anti-Reflex Valve with Environmental Barrier	10-Aug-95	26-Nov-96
	5368565	Balloon Catheter Pressure Monitor for Local and Remote Display	28-Sep-92	29-Nov-94
	5937950	Cable System for Medical Equipment	02-Dec-96	17-Aug-99
	4760730	Calibration System for Blood Pressure Transducer	14-Jul-87	02-Aug-88
	4676776	Device and Method for Effecting Application of a Therapeutic Agent	18-Jan-85	30-Jun-87
	4810243	Device and Method for Effecting Application of a Therapeutic Agent	29-Jun-87	07-Mar-89
	5171230	Fast Flush Catheter Valve	29-Nov-91	15-Dec-92
	5063178	Freeze-Dried Blood Gas Sensor	19-Mar-90	05-Nov-91
	4920972	Gel-Filled Blood Pressure Transducer	12-Dec-88	01-May-90
	4978335	Infusion Pump with Bar Code Input to Computer	29-Sep-89	18-Dec-90
	4468222	Intravenous Liquid Pumping System and Method	03-Dec-79	28-Aug-84
	5522266	Low Cost Pressure Transducer Particularly for Medical Applications	30-Nov-93	04-Jun-96
	5829723	Medical Device Mounting Structure	28-Jun-95	03-Nov-98
	4785868	Medical Needle and Method for Making	04-Jun-87	22-Nov-88
	5048537	Method and Apparatus for Sampling Blood	15-May-90	17-Sep-91
	5148811	Method and Apparatus for Sampling Blood and for Measuring Blood Pressure	04-Sep-90	22-Sep-92
	5132057	Method of Making An Optical Fiber Probe	22-Apr-91	21-Jul-92
	5417395	Modular Interconnecting Component Support Plate	30-Jun-93	23-May-95
	5752918	Modular Medical Pressure Transducer	28-Jun-95	19-May-98
	5848971	Modular Medical Pressure Transducer	11-Apr-97	15-Dec-98
	RE 035841	Needleless Connector Sample Site	11-Oct-94	07-Jul-98
	5540661	Needleless Valve Having a Covalently Bonded Lubricious Coating	03-May-94	30-Jul-96
	5441487	Plastic Needleless Valve Housing for Standard Male Luer Locks	23-Jan-95	15-Aug-95
	4551136	Pressure Infusor	11-Apr-83	05-Nov-85

<u>Status</u>	<u>Application or Patent No.</u>	<u>Title</u>	<u>Filing Date</u>	<u>Issue Date</u>
<u>Issued</u>	4852581	Pressure Transducer with Conductive Polymer Bridge	14-Dec-87	01-Aug-89
	5056520	Probe for Blood Gas Sensing	11-Oct-89	15-Oct-91
	4667575	Pump Actuator Assembly	05-Jun-80	26-May-87
	5088981	Safety Enhanced Device and Method for Effecting Application of a Therapeutic Agent	31-Jul-87	18-Feb-92
	5221271	Sample Site with Flow Directors	15-Aug-91	22-Jun-93
	5135502	Solid Introducer for Catheter to a Port and Method of Use	13-Mar-90	04-Aug-92
	4846797	Syringe Positioning Device for Enhancing Fluid Flow Control	11-Jan-88	11-Jul-89
	6059747	Syringe Pump Infusion Control Set	16-Jul-97	09-May-00
	5248301	Transcutaneous Infusion Apparatus and Methods of Manufacture	27-Nov-89	28-Sep-93
	4784151	Tubular Pressure Transducer	30-Mar-87	15-Nov-88
	5868678	Two-Part Medical Pressure Transducer with Diaphragm	02-Dec-96	02-Feb-99
	5417673	Whole Blood Sample Needleless Sample Site	21-Apr-94	23-May-95
	4886507	Y Connector for Angioplasty Procedure	01-Feb-88	12-Dec-89
<u>Pending</u>	09/462032	Intraluminal Implant	29-Dec-99	

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**PATENT SECURITY AGREEMENT**

WHEREAS, Medex, Inc., a corporation formed under the laws of Ohio, located at 6250 Shier Rings Road, Dublin, Ohio 43016 ("Borrower"), owns the patents and patent applications shown in the attached Schedule A (the "Patents"), for which there are recordings or applications in the United States Patent and Trademark Office under the numbers shown in the attached Schedule A; and

WHEREAS, Borrower is obligated to PNC Bank, National Association ("PNC"), The Huntington National Bank ("HNB") and various other financial institutions (PNC, HNB and such other financial institutions are referred to herein collectively as the "Lenders") and PNC as agent for Lenders ("Agent") pursuant to (i) a certain Revolving Credit, Term Loan and Security Agreement, dated the date hereof, among Agent, Lenders, Borrower and the other Credit Parties defined therein and (ii) a certain Patent Collateral Security Agreement, dated the date hereof, made by Borrower in favor of Agent (as each may be amended, modified, restated or supplemented from time to time, collectively, the "Agreements"); and

WHEREAS, pursuant to the Agreements, Borrower is granting to Agent for its benefit and for the ratable benefit of Lenders a security interest in the Patents, all proceeds thereof, all rights corresponding thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, and the recordings and applications therefore.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Borrower does hereby collaterally assign unto Agent for its benefit and for the ratable benefit of Lenders and grant to Agent for its benefit and for the ratable benefit of Lenders a security interest in and to the Patents, and recordings and applications therefor, which assignment and security interest shall secure all the Obligations as defined in the Agreements and in accordance with the terms and provisions thereof.

Borrower expressly acknowledges and affirms that the rights and remedies of Agent and Lenders with respect to the assignment and security interest granted hereby are more fully set forth in the Agreements.

Dated: New York, New York  
February 9, 2001

Witness:



MEDEX, INC.

By:



Name: Dominick A. Arena

Its: President

Witness:



PNC BANK, NATIONAL ASSOCIATION, as Agent

By:

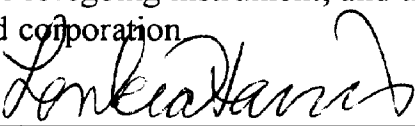


Name: Mark J. Kiskorna

Its: Vice President

STATE OF NEW YORK     )  
                                      : ss.:  
COUNTY OF NEW YORK    )

On this 9 day of February, 2001, before me personally came Dominick A. Arena, to me known, who, being by me duly sworn, did depose and say that he is the President of Medex, Inc., the corporation described in and which executed the foregoing instrument; and that he signed his name thereto by order of the board of directors of said corporation

  
\_\_\_\_\_  
Notary Public

LOUKIA HARRIS  
Notary Public, State of New York  
No. 01HA4995575  
Qualified in Nassau County  
Commission Expires April 27, 2002

STATE OF NEW YORK     )  
                                      : ss.:  
COUNTY OF NEW YORK    )

On this 9 day of February, 2001, before me personally came Mark J. Kiskorna, to me known, who, being by me duly sworn, did depose and say that he is the Vice President of PNC Bank, National Association, the company described in and which executed the foregoing instrument; and that he was authorized to sign his name thereto on behalf of said company.

  
\_\_\_\_\_  
Notary Public

LOUKIA HARRIS  
Notary Public, State of New York  
No. 01HA4995575  
Qualified in Nassau County  
Commission Expires April 27, 2002