

07-22-2002



Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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PATENTS ONLYU.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):

PANVERA CORPORATION

8/7/02

2. Name and address of receiving party(ies)

Name: PANVERA LLC

Internal Address: _____

Street Address: 501 Charmany Drive

City: Madison State: WI Zip: 53719

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: 06/28/2002

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) 09/875,620

10/133,528

B. Patent No.(s) 5,824,557

5,891,696

Additional numbers attached? ☒ Yes ☐ No

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

Name: Andrew Marks

Internal Address: Vertex Pharmaceuticals

Incorporated

Street Address: 130 Waverly St

City: Cambridge State: MA Zip: 02139

6. Total number of applications and patents involved: 10

7. Total fee (37 CFR 3.41).....\$ 400.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

50-0725

DO NOT USE THIS SPACE

9. Signature.

07/19/2002 DBYRNE 00000020 500725 09875620

01 FC:581

Andrew S. Marks

Name of Person Signing

Signature

7/11/02

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231**PATENT**
REEL: 013089 FRAME: 0510

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

Continuation of Item 4:

Additional Patent Application Numbers:

10/161,482

10/170,170

09/543,509

Additional Patent Numbers:

5,786,139

6,100,039

6,319,678

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

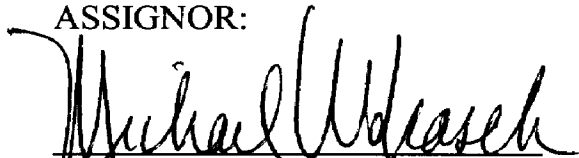
ASSIGNMENT

PANVERA CORPORATION, a corporation organized under the laws of the State of Wisconsin and having an office and place of business at 501 Charmany Drive, Madison, Wisconsin (U.S.A.) 53719, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to PANVERA LLC, a limited liability company organized under the laws of the State of Delaware and having an office and place of business at 501 Charmany Drive, Madison, Wisconsin (U.S.A.) 53719, its successors and assigns: (1) the entire right, title and interest in and to any and all inventions and discoveries disclosed in the applications for Patent and issued Patents listed in Exhibit A, attached hereto, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of PANVERA LLC, its designee, or in the names of any and all of the inventors of the applications and patents listed in Exhibit A at PANVERA LLC's or its designee's election, on the aforesaid inventions, discoveries and applications; (3) the entire right, title and interest in and to all issued Patents listed in Exhibit A; any Patents which may issue from any of the applications listed in Exhibit A; and any renewals, revivals, reissues, reexaminations and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds stemming from the patents and applications listed in Exhibit A, including without limitation all rights of priority throughout the world, in and to the above inventions, discoveries, patents and applications.

PANVERA CORPORATION hereby authorizes and requests the competent authorities in each country to grant and to issue any and all Patents in that country arising out of the applications listed in Exhibit A to PANVERA LLC as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by PANVERA CORPORATION had this assignment, sale and transfer not been made.

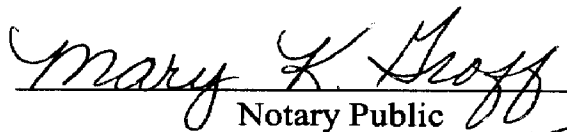
PANVERA CORPORATION further agrees at any time to execute and to deliver upon request of PANVERA LLC such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries, patents and applications throughout the world, and otherwise to do the necessary to give full effect to and to perfect the rights of PANVERA LLC under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

ASSIGNOR:



Michael Wokasch
President
Panvera Corporation

On this 28 day of June, 2002, (1) Michael Wokasch personally appeared before me, a Notary Public in and for the State of Wisconsin, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



Notary Public

COUNTY OF DANE

COMMISSION EXPIRES 1/16/02

ACKNOWLEDGMENT OF ASSIGNEE:

Panvera LLC

By: Michael Wokasch
Michael Wokasch
President

On this 20 day of June, 2002, Michael Wokasch personally appeared before me, a Notary Public in and for the State of Wisconsin, and duly acknowledged the executed Assignment on behalf of the Assignee.

Mary K. Groff
Notary Public
COUNTY OF DANE
COMMISSION EXPIRES 1/16/02

EXHIBIT A

COUNTRY	SERIAL NO.	FILING DATE	TITLE	PATENT NO.	ISSUE DATE
UNITED STATES	09/675,620	6/6/2001	IDENTIFICATION AND QUANTIFICATION OF A PROTEIN CARRYING AN INTERNAL POLYHISTIDINE AFFINITY TAG		
UNITED STATES	10/133,528	4/26/2002	KINASE ACTIVITY MEASUREMENT USING FLOURESCENCE POLARIZATION		
UNITED STATES	10/161,482	6/3/2002	METHODS AND KITS FOR ASSAYS UTILIZING FLOURESCENCE		
UNITED STATES	10/170,170	6/12/2002	KINASE ACTIVITY MEASUREMENT USING FLOURESCENCE POLARIZATION		
UNITED STATES	08/353,079	12/9/1994	METHOD AND KIT FOR DETECTING NUCLEIC ACID CLEAVAGE UTILIZING A COVALENTLY ATTACHED FLOURESCENT TAG	5,786,199	7/28/1998
UNITED STATES	08/904,376	8/1/1997	Compositions for Cytochrome P450 Biotransformation Reactions	5,891,696	4/6/1999
UNITED STATES	08/626,520	4/2/1996	Method for Detecting and Quantizing Nucleic Acid Impurities in Biochemical Preparations	5,824,552	10/20/1998
UNITED STATES	09/543,509	4/6/2000	METHOD FOR MEASURING INTERACTION BETWEEN A FLOURESCENCE LABELED SUGAR AND TARGET MOLECULES		
UNITED STATES	09/239,355	1/28/1999	A PROCESS FOR REVERSE TRANSCRIPTASE ACTIVITY MEASUREMENT USING FLOURESCENCE	6,100,929	8/8/2000
UNITED STATES	09/344,995	6/25/1999	Process for Glucoronidation Screening	6,319,678	11/20/2001
EUROPEAN PATENT OFFICE	97936344.7	8/1/1997	A METHOD FOR QUANTIFYING COMPETITIVE BINDING OF MOLECULES TO PROTEINS UTILIZING FLOURESCENCE POLARIZATION		
EUROPEAN PATENT OFFICE	97952171.3	5/26/1999	KINASE ACTIVITY MEASUREMENT USING FLOURESCENCE POLARIZATION		

Certificate Of Mailing Under 37 C.F.R. §1.10

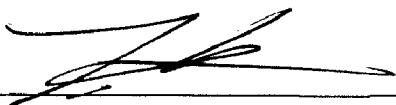
Express Mailing No. EV019224610US Date of Deposit July 11, 2002

I hereby certify that this document/application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Honorable Commissioner for Patents, Washington D.C. 20231

Attention: Box Assignments

Tina Powers

(type or printed name of person mailing document/applications)



(signature of person mailing document/application)

1. Recordation Form Cover Sheet (2 pages)
2. Executed Assignment of Rights (3 pages)
3. Certificate of Mailing
4. Return Receipt Postcard

PanVera LLC