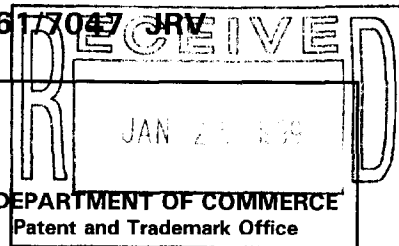


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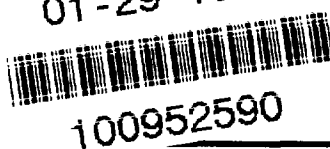
Attorney's Docket No. L04617047 JRV

RECORDED 01-29-1999

HEET



FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):
Valerie Martelange, Charles De Smet, Thierry Boon-Falleur

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 15, 1998; December 22, 1998; January 4, 1999

2. Name and address of receiving party(ies)

Name: Ludwig Institute for Cancer Research

Internal Address: 605 Third Avenue
New York, NY 10158

Street Address: 605 Third Avenue
New York NY 10158

Additional name(s) & addresses(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)
09/183,789

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John R. Van Amsterdam
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: **[1]**

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

01/29/1999 BNGUYEN 00000034 09183789

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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.

John R. Van Amsterdam
Reg. No.40,212

John R. Van Amsterdam

1/21/99

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[3]**

L0461/7047 (JRV)

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Valérie Martelange, Brussels, Belgium; Charles De Smet, Brussels, Belgium; and Thierry Boon-Falleur, Brussels, Belgium hereby

Sell, assign and transfer to Ludwig Institute for Cancer Research, a Switzerland corporation having a place of business at 605 Third Avenue, New York, NY 10158, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on October 30, 1998 under Serial No. 09/183,789 and entitled TUMOR ASSOCIATED NUCLEIC ACIDS AND USES THEREFOR, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

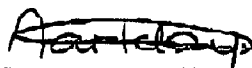
We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement

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affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

15-12-98

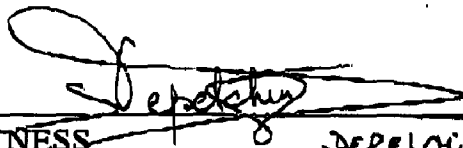
Date



VALÉRIE MARTELANGE

15.12.98

Date



WITNESS DEPELCHIN S.

04 january 1999


Date



CHARLES DE SMET

04 January 1999

Date


WITNESS Hiroyuki Nishimori

22 dec 98

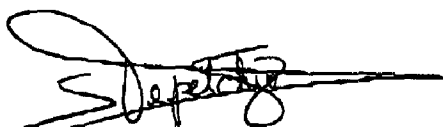
Date



THIERRY BOOD-FALLEUR

22 dec 98

Date



WITNESS DEPELCHIN S.