

06-11-2002



Attorney Docket No. 1064/49372

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1. Name of conveying party(ies):

- 1) Seppo YLAE-HERTTUALA
- 2) Ralf PETTERSSON
- 3) Erika BERGSTEN
- 4) Ulf ERIKSSON

Additional name(s) of conveying  
party(ies) attached?

   yes   X   no

6.5.02

2. Name and address of receiving party(ies)

Name: Ludwig Institute for Cancer Research

Address: 605 Third Avenue  
New York, New York 10158

Additional name(s) & address(es) attached?

   yes   X   no

3. Nature of Conveyance:

- X   Assignment        Merger  
       Security Agreement        Change of Name  
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Execution Date: 1) February 6, 2002  
2) February 5, 2002  
3) February 6, 2002  
4) February 5, 2002

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)

B. Patent No(s).

09/985,159

Additional numbers attached?        Yes   X   No

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

Crowell & Moring LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, D.C. 20044-4300

6. Total number of applications and patents involved:   1  

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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  
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Name: J. D. Evans Reg. No. 26,269

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Attorney Docket No.: Docket No. 1064/49872

U.S. Rights-Sole or Joint

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Ludwig Institute for Cancer Research  
605 Third Avenue  
New York, NY 10158**

(hereinafter **ASSIGNEE**) all right, title and interest for the United States, its territories and possessions in and to his invention relating to: **IN VIVO STIMULATION OF ANGIOGENIC ACTIVITY**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ was filed as PCT international application Number      on       
☒ Serial No. 09/085,159 filed November 1, 2001.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all renewals or extensions thereof, to be held and enjoyed by said **ASSIGNEE**, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said **ASSIGNEE**, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said **ASSIGNEE**, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said **ASSIGNEE**, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including renewals or extensions, in said **ASSIGNEE**, its successors, or assigns or to assist said **ASSIGNEE**, its successors, legal representatives or assigns in obtaining, renewing or enforcing Letters Patent of the United States for said invention;

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**INVENTOR:**  
Post Office Address/Residence:

Seppo YLA-HERTTUALA  
A.I. Virtanen Institute  
University of Kuopio  
P.O. Box 1627  
Kuopio, Finland FIN-70211

06/02/2002  
(date)

(signature of 3rd inventor)

(signature of witness)

**INVENTOR:**  
Citizenship:  
Post Office Address/Residence:

Ralf PETTERSSON  
Ludwig Institute for Cancer Research  
Karolinska Institute  
Box 240  
Stockholm, Sweden SE-171-77

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**PATENT**  
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Attorney Docket No.: Docket No. 1064/49378

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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Ludwig Institute for Cancer Research**  
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as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ was filed as PCT international application Number      on       
☒ Serial No. 09/934,159, filed November 1, 2001.

In and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said **ASSIGNEE**, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

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Each of the undersigned further covenants and agrees he will communicate to said **ASSIGNEE**, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said **ASSIGNEE**, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted herefor or thereon, including reissues or extensions, in said **ASSIGNEE**, its successors, or assigns or to assist said **ASSIGNEE**, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recording of this Assignment.

**INVENTOR:**  
Post Office Address/Residence:

**Reppo YLAB-HERTTUALA**  
A.I. Virtanen Institute  
University of Kuopio  
P.O. Box 1627  
Kuopio, Finland FIN-70211

(date)

(signature of 1st inventor)

(signature of witness)

**INVENTOR:**  
Citizenship: *FINLAND*  
Post Office Address/Residence:

**Ralf PETTERSSON**  
Ludwig Institute for Cancer Research  
Karolinska Institute  
Box 840  
Stockholm, Sweden SE-171-77

*February 5, 2002*

*Ralf Pettersson*

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**PATENT**

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ASSIGNMENT

Page 2 of 2

CROWELL & MORING LLP

Attorney Docket No. 1054/19373

February 5, 2002  
(date)

[Signature]  
(signature of 4th inventor)

Birgitta Freidenfelt  
(signature of witness)  
BIRGITTA FREIDENFELT

INVENTOR:  
Post Office Address/Residence:

Malin BERGSTEN  
Ludwig Institute for Cancer Research  
Karolinska Institute  
Box 240  
Stockholm, Sweden SE-171-77

Feb 6, 2002  
(date)

[Signature]  
(signature of 5th inventor)

Birgitta Freidenfelt  
(signature of witness)

INVENTOR:  
Citizenship:  
Post Office Address/Residence:

Ulf ERIKSSON  
Ludwig Institute for Cancer Research  
Karolinska Institute  
Box 240  
Stockholm, Sweden SE-171-77

Feb 5, 2002  
(date)

[Signature]  
(signature of 6th inventor)

Birgitta Freidenfelt  
(signature of witness)

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