PATENT REEL: 012962 FRAME: 0339 Attorney Docket No.: Docket No. 1064/49372

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:

## Aventis Pharma SA 20 avenue Raymond Aron 92060 Antony, France

(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 \_
- x Serial No. 09/985,159, 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;

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 reisaues 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 recordation of this Assignment.

TINAT	Ľ,	ATO	ĸ	
Citiz	eI	iship	;	

Post Office Address/Residence:

April 29, 2002

Didier BRANELLEC

France

88, rue Crillon

69006 Lyon, France,

(signature of witness)

INVENTOR:

Post Office Address/Residence:

Aude LE ROUX

France

18 allée Chenard et Walker

94 820 Thiais, France

(signature of 2nd inventor)

(signature of 1 inventor)

(signature of witness)

(date)

CUDWIG INSTITUTE

52. NOTENTED 125

REEL: 012962 FRAME: 0340

Attorney Docket No.: Docket No. 1064/49372

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:

## Aventis Pharma SA 20 avenue Raymond Aron 92060 Antony, France

(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):

RECORDED: 06/05/2002

	executed concurrently herewith,
	was filed as PCT international application Number _ on _
<u>x</u>	Serial No. <u>09/985,159</u> , filed <u>November 1, 2001</u> ,

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;

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 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 recordation of this Assignment.

INVENTOR: Citizenship: Post Office Address/Residence:	Didier BRANELLEC France 88, rue Crillon 69006 Lyon, France	
(date)	(signature of 1st inventor)	(signature of witness)
INVENTOR: Post Office Address/Residence:	Aude LE ROUX France 13 allée Chenard et Walker 94 820 Thiais, France	
$\frac{\text{C4}/23/2002}{\text{(date)}}$	(signature of 2 <sup>nd</sup> inventor)	(signature of witness)

LUDWIG INSTITUTE

PATENTION 22

REEL: 012962 FRAME: 0341