

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Guido Bold	08/10/2005
Hans-Georg Capraro	08/10/2005
Giorgio Caravatti	08/16/2005
Andreas Floersheimer	08/10/2005
Pascal Furet	08/31/2005
Paul W. Manley	08/16/2005
Andrea Vaupel	08/11/2005
Carole Pissot Soldermann	08/29/2005
Francois Gessier	08/24/2005
Christian Schnell	08/11/2005
Amanda Jane Littlewood-Evans	08/16/2005
Prasad Koteswara Kapa	08/05/2005
Joginder S. Bajwa	08/05/2005
Xinglong Jiang	08/05/2005

RECEIVING PARTY DATA

Name:	Novartis AG
Street Address:	Lichtstrasse 35
City:	Basel
State/Country:	SWITZERLAND
Postal Code:	4056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11575025

CORRESPONDENCE DATA

Fax Number: (202)621-1844

501411204

PATENT
REEL: 025666 FRAME: 0581

OP \$40.00 11575025

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2026211840
Email: cverret@fshlegal.com
Correspondent Name: Fanelli Strain & Haag PLLC
Address Line 1: 1455 Pennsylvania Ave NW
Address Line 2: Suite 400
Address Line 4: Washington, DISTRICT OF COLUMBIA 20004

ATTORNEY DOCKET NUMBER:	093286-0192
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NAME OF SUBMITTER:	Paul D. Strain
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Total Attachments: 21

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source=093286-0192 Assignment#page21.tif

(joint)

Patent Case: ON/4 -33949A

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

1. Guido BOLD, Bleumatthöhe 16, 5073 Gipf-Oberfrick, Switzerland, citizen of Switzerland
2. Hans-Georg CAPRARO, Habsburgerstr. 60, 4310 Rheinfelden, Switzerland, citizen of Switzerland
3. Giorgio CARAVATTI, Fuchshagweg 28, 4103 Bottmingen, Switzerland, citizen of Switzerland
4. Andreas FLOERSHEIMER, Lehmenweg 38, 4143 Dornach, Switzerland, citizen of Germany
5. Pascal FURET, Rue du Riegelsbourg 24, 68800 Thann, France, citizen of France
6. Paul W. MANLEY, Bruggweg 12, 4144 Arlesheim, Switzerland, citizen of Great Britain
7. Andrea VAUPEL, Rütiring 23, 4125 Riehen, Switzerland, citizen of Germany
8. Carole PISSOT SOLDERMANN, 2, rue des Maraîchers, 68128 Rosenau, France, citizen of France
9. François GESSIER, 8, rue des Vergers, 68720 Illfurth, France, citizen of France
10. Christian SCHNELL, Rue de Buschwiller 9, 68220 Hésingue, France, citizen of France
11. Amanda Jane LITTLEWOOD-EVANS, Langegasse 11, 4104 Oberwil BL, Switzerland, citizen of Great Britain
12. Prasad Koteswara KAPA, 31 Phillip Drive, Parsippany, NJ 07054, USA, citizen of USA
13. Joginder S. BAJWA, 50 Linwood Avenue, Elmwood park, NJ 07407, USA, citizen of USA
14. Xinglong JIANG, 433 Conover Drive, Hillsborough, NJ 08844, USA, citizen of USA

do hereby sell, assign and transfer to Novartis AG, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world except Austria and to Novartis Pharma GmbH, a company organized under the laws of Austria, of Brunner Strasse 59, 1230 Vienna, Austria and, its successors, assigns and legal representatives, all our right, title and interest for Austria (Novartis AG and Novartis Pharma GmbH hereinafter referred to collectively as the "ASSIGNEES")

in and to (1) all of our inventions and discoveries described in the patent application entitled

BICYCLIC AMIDES AS KINASE INHIBITORS

filed in the RO/18 on 14.08., 2005 and accorded International Patent Application Number PCT/18.2005/004030, (2) said patent application (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of Great Britain patent applications filed on a) September 15, 2004 and b) June 8, 2005 and accorded Application Numbers a) 0420520.9 and b) 0511687.6, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents

PATENT
REEL 025006 FRAME: 0583

Subscribed this 10 day of August, 2005.
Hans-Georg Capraro L.S.
2. Hans-Georg CAPRARO

ACKNOWLEDGEMENT

State of _____)
) s.s.:
County of _____)

On this _____ day of _____, 20____, personally appeared before me
_____ to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 16 day of August, 2005.
Giorgio Caravatti L.S.
3. Giorgio CARAVATTI

ACKNOWLEDGEMENT

State of _____)
) s.s.:
County of _____)

On this _____ day of _____, 20____, personally appeared before me
_____ to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

al)

Notary Public

Andreas Flönkner L.S.

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Notary Public

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Abstract

Notary Public

Executed this 16 day of August, 2005.

6.

~~Paul W. MANLEY~~

LS

ACKNOWLEDGEMENT

State of _____)

) S.S.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 11 day of August, 2005.

7.

Andrea VAUPEL

LS

ACKNOWLEDGEMENT

State of _____)

) S.S.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

PATENT

REEL: 025666 FRAME: 0587

Executed this 11 day of August, 2005.

10. Christian SCHNELL L.S.

ACKNOWLEDGEMENT

State of _____)
) s.s.:
County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 16 day of August, 2005

11. Amanda Jane Littlewood-Evans L.S.

ACKNOWLEDGEMENT

State of _____)
) s.s.:
County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

PATENT
REEL: 025666 FRAME: 0589

12. Prasad Koteswara KAPA L.S.

State of _____)
) s.s.:
County of _____)

(Seal)

Notary Public

13. Joginder S. BAJWA L.S.

State of _____)
) s.s.:
County of _____)

(Seal)

Notary Public

10

14.

ACKNOWLEDGEMENT

State of _____)

) S.S.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me

_____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

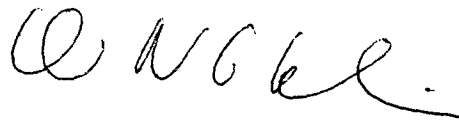
NAME _____

Attestation

I, the undersigned notary public of Basel, Switzerland, certify herewith the authenticity of the signatures of **Dr. Guido Bold**, citizen of Griesenberg, residing in Gipf-Oberfrick, **Mr. Hans-Georg Capraro**, citizen of Ascona, Switzerland, residing in Rheinfelden, **Mr. Giorgio Caravatti**, citizen of Biasca, Switzerland, residing in Bottmingen, Switzerland, **Dr. Andreas Floersheimer**, German citizen, residing in Dornach, Switzerland, **Mr. Pascal Furet**, French citizen, residing in Thann, France, **Mr. Paul W. Manley**, British citizen, residing in Arlesheim, Switzerland, **Dr. Andrea Vaupel**, German citizen, residing in Riehen, Switzerland, **Mrs. Carole Pissot Soldermann**, French citizen, residing in Rosenau, France, **Mr. François Gessler**, French citizen, residing in Illfurth, France, **Mr. Christian Schnell**, French citizen, residing in Hesiingue, France, and **Mrs. Amanda Jane Littlewood-Evans**, British citizen, residing in Oberwil, Switzerland.

The authenticity of the signatures was established by comparison.

BASFL, this 7th (seventh) day of September 2005 (twothousandandfive).



Leg.Prot.Nr.: 68 /2005

(joint)

Patent Case: ON/4 -33949A

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

1. Guido BOLD, Bleumatthöhe 16, 5073 Gipf-Oberfrick, Switzerland, citizen of Switzerland
2. Hans-Georg CAPRARO, Habsburgerstr. 60, 4310 Rheinfelden, Switzerland, citizen of Switzerland
3. Giorgio CARAVATTI, Fuchshagweg 28, 4103 Bottmingen, Switzerland, citizen of Switzerland
4. Andreas FLOERSHEIMER, Lehmenweg 38, 4143 Dornach, Switzerland, citizen of Germany
5. Pascal FURET, Rue du Riegelsbourg 24, 68800 Thann, France, citizen of France
6. Paul W. MANLEY, Bruggweg 12, 4144 Arlesheim, Switzerland, citizen of Great Britain
7. Andrea VAUPEL, Rütiring 23, 4125 Riehen, Switzerland, citizen of Germany
8. Carole PISSOT SOLDERMANN, 2, rue des Maraîchers, 68128 Rosenau, France, citizen of France
9. François GESSIER, 8, rue des Vergers, 68720 Illfurth, France, citizen of France
10. Christian SCHNELL, Rue de Buschwiller 9, 68220 Hesingue, France, citizen of France
11. Amanda Jane LITTLEWOOD-EVANS, Langegasse 11, 4104 Oberwil BL, Switzerland, citizen of Great Britain
12. Prasad Koteswara KAPA, 31 Phillip Drive, Parsippany, NJ 07054, USA, citizen of USA
13. Joginder S. BAJWA, 50 Linwood Avenue, Elmwood park, NJ 07407, USA, citizen of USA
14. Xinglong JIANG, 433 Conover Drive, Hillsborough, NJ 08844, USA, citizen of USA

do hereby sell, assign and transfer to Novartis AG, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world except Austria and to Novartis Pharma GmbH, a company organized under the laws of Austria, of Brunner Strasse 59, 1230 Vienna, Austria and, its successors, assigns and legal representatives, all our right, title and interest for Austria (Novartis AG and Novartis Pharma GmbH hereinafter referred to collectively as the "ASSIGNEES")

in and to (1) all of our inventions and discoveries described in the patent application entitled

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filed in the RO/1B on 14.09., 2005 and accorded International Patent Application Number PCT/1B2005/004030, (2) said patent application (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of Great Britain patent applications filed on a) September 15, 2004 and b) June 8, 2005 and accorded Application Numbers a) 0420520.9 and b) 0511687.6, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents

Executed this _____ day of _____, 20____.

L.S.

2. Hans-Georg CAPRARO

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20__.

L.S.

3. Giorgio CARAVATTI

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20__.

L.S.

4. Andreas FLOERSHEIMER

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

L.S.

5. Pascal FURET

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

L.S.

6. Paul W. MANLEY

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Sea!)

Notary Public

Executed this _____ day of _____, 20__.

L.S.

7. Andrea VAUPEL

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20__.

L.S.

8. Carole PISSOT SOLDERMANN

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me

_____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

L.S.

9. François GESSIER

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me

_____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

_____ L.S.

10. Christian SCHNELL

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20__.

_____ L.S.

11. Amanda Jane LITTLEWOOD-EVANS

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 5th day of August, 2005.

Prasad Koteswara Kapa L.S.
12. Prasad Koteswara KAPA

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Morris)

On this 5th day of August, 2005, personally appeared before me
Prasad Koteswara Kapa to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Maureen C. McGee
Notary Public

Executed this 5th day of August, 2005
Joginder S. Bajwa L.S.
13. Joginder S. BAJWA

MAUREEN C. MCGEE
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Jan. 23, 2010

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Morris)

On this 5th day of August, 2005, personally appeared before me
Joginder S. Bajwa to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Maureen C. McGee
Notary Public

MAUREEN C. MCGEE
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Jan. 23, 2010

Executed this _____ day of _____, 20__.

_____ L.S.

10. Christian SCHNELL

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

_____ L.S.

11. Amanda Jane LITTLEWOOD-EVANS

ACKNOWLEDGEMENT

State of _____)
) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____ to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 5th day of August, 2005.

14. Xinglong JIANG L.S.

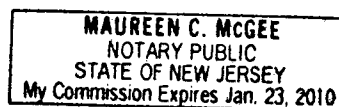
ACKNOWLEDGEMENT

State of New Jersey)
) S.S.:
County of Monmouth)

On this 5th day of August, 2005, personally appeared before me XINGLONG JIANG to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Margaret C Miller
Notary Public



FOR TRUE COPY

BASEL, Switzerland, this 22nd (twenty-second) day of January 2007 (twothousandandseven)

QNGH

later

Leg. Prot. Nr. 3 /2007