05-31-2002				
CELL-0172/PA 493.3	T C			
102 To The Honorable Commissioner of Patents and Trademark	107141 (s. Please record the attached original documents or copy thereof.			
1. Name of conveying partylies): 5-29-02				
John Clifford HeadJanuary 13,First AssignorDate of Execution	2002 Name: Celltech R&D Limited			
Catherine McKay January 18, 2	Street Address: 208 Bath Road			
Second Assignor Date of Execution	City: Slough, Berkshire SL1 3WE			
John Robert PorterJanuary 21, 2Third AssignorDate of Execution	2002 Country: United Kingdom			
	Additional name(s) & address attached? ()YES (X)NO			
Fourth Assignor Date of Execution	3. Nature of Conveyance (check only one):			
Fifth Assignor Date of Execution	(X) New Assignment         () Merger           () License Agreement         () Security Agreement           () Change of Name         () Other:			
Sixth Assignor Date of Execution	()Cross-reference of Assignment filed in United States			
Additional name(s) of conveying party(ies) attached? () YES ()	Application No/,, recorded on a NO Reel No and Frame No			
<ol> <li>Identification of Application number(s), patent number(s)</li> </ol>	s) OR date of execution of application to which assignment refers:			
Application Nos.; Patent Nos.				
09/994,411, Filed 11/27/2001	named executing inventor			
	MAY 2 9 2002			
	(Fill-in this date only if assignment is filed together with a new application)			
5. Name and address of party to whom correspondence				
concerning documents should be mailed:	6. Total number of applications and patents involved: One			
Name: <b>DOREEN YATKO TRUJILLO</b> WOODCOCK WASHBURN LLP	7. Total fee (37 CFR 3.41):\$40.00			
One Liberty Place - 46th Floor	(X) Enclosed			
Philadelphia, Pennsylvania 19103-7301 215-568-3100	() Authorized to be charged to Deposit Account Number 23-3050			
	8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050			
DO NOT	T USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing info	rmation is true and correct and any attached copy is a true copy of			
the original document.	I AA 1 SAA			
Doreen Yatko Trujillo/Reg. 35,719	nfatto decipila May 20 20			
Name of Person Signing/Reg. No.	Signature Date			
	nment document and additional pages attached thereto: Eight			
	r of Patents and Trademarks			
	ox Assignments lington, D.C. 20231			
1				
/31/2002 GTON11 00000008 09994411 FC:581 40.00 PP				
1	PATENT			

PATENT REEL: 012932 FRAME: 0190

• •		
CELL-0172/РА 493.3 2-25-02 RI	ECO	
To The Honorable Commissioner of Patents an	nd Tra	ase record the attached original documents or copy thereof.
1. Name of conveying party(ies):	,	2. Name and address of receiving partities).
John Clifford Head First Assignor Date of	January 13, 2002 of Execution January 18, 2002	2. Name and address of receiving particles). Name: Celltech R&D Lmited Street Address: 208 Bath Road City: Slough, Berkshire SL1 3WE Country: United Kingdom
	of Execution	City: Slough, Berkshire SL1 3WE
	January 21, 2002 of Execution	Country: United Kingdom       Image: Country: United Kingdom       Image: Country: United Kingdom         Additional name(s) & address attached? ( )YES (X)NO
Fourth Assignor Date of	of Execution	3. Nature of Conveyance (check only one):
,	of Execution	(X) New Assignment       ( ) Merger         ( ) License Agreement       ( ) Security Agreement         ( ) Change of Name       ( ) Other:
Sixth Assignor Date Additional name(s) of conveying party(ies) attached	of Execution d? () YES () NO	( )Cross-reference of Assignment filed in United States Application No/, recorded on at Reel No. and Frame No
<ul> <li>4. Identification of Application number(s), pa</li> <li>Application Nos.:</li> <li>09/994,411, Filed 11/27/2001</li> </ul>	atent number(s) OR Patent Nos.:	date of execution of application to which assignment refers: Date application was signed by the first named executing inventor (Fill-in this date only if assignment is
5. Name and address of party to whom corr concerning documents should be mailed:	respondence	6. Total number of applications and patents involved: <u>One</u>
Name: <b>DOREEN YATKO TRUJILLO</b> WOODCOCK WASHBURN LLP One Liberty Place - 46th Floor Philadelphia, Pennsylvania 19103-7301 215-568-3100		<ul> <li>7. Total fee (37 CFR 3.41):\$40.00</li> <li>(X) Enclosed</li> <li>() Authorized to be charged to Deposit Account Number 23-3050</li> <li>8. Please charge any deficiency or credit any</li> </ul>
		overpayment to Deposit Account Number 23-3050
	DO NOT US	
<i>the original document.</i> Doreen Yatko Trujillo/Reg. 35,719 Name of Person Signing/Reg. No.	ver sheet, assignment t information to: Commissioner of P Box As	tion is true and correct and any attached copy is a true copy of Hature Infature Infature Infature Infature Date Infature Date
03/11/2002 TBIA71 00000249 09994411	$\overline{)}$	PATENT REEL: 012932 FRAME: 0191

03/11/2002 TDTA71 00000249 09994411

(Pending Application; Serial No. Known)

### ASSIGNMENT

WHEREAS, we, John Clifford Head, Catherine McKay and John Robert Porter, hereinafter referred to as the assignors, residing respectively at 4 Dorchester Close, Maidenhead, Berkshire SL66RX, UNITED KINGDOM; 14 Barton Way, Croxley Green, Rickmansworth, Hertfordshire WD3 3QA, UNITED KINGDOM and 5 Farm Place, Henton, Chinnor, Oxfordshire OX9 4AD, UNITED KINGDOM are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 09/994,411, filed November 27, 2001, entitled 3 SUBSTITUTED 2,7-NAPHTHYRIDIN-1-YL DERIVATIVES; and

WHEREAS, Celltech R&D Limited, hereinafter referred to as the assignee, of 208 Bath Road, Slough, Berkshire SL1 3WE, a corporation of United Kingdom, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to

> PATENT REEL: 012932 FRAME: 0192

### **DOCKET NO.: CELL-0172**

sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications\_to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

15" January 2002 John C (L.S.) PROVINCE OF \_\_\_\_\_ COUNTRY OF

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, year of 2002, before me personally came the above named **John Clifford Head, Catherine McKay and John Robert Porter** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

18/102 Date	Cotherine N Catherine McKay	1C/2 (L.S.)
PROVINCE OF		
COUNTRY OF	SS :	

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, year of 2002, before me personally came the above named **Catherine McKay** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

 Date	John Robert Pater. (L.S.) John R. Porter
PROVINCE OF	SS
COUNTRY OF	

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, year of 2002, before me personally came the above named **John Robert Porter** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

DOCKET NO.: CELL-0172

## STATEMENT OF WITNESS



 $13^{11}$  day of <u>JANUAR</u>, 2002, and such assignor is personally known to me to be the person described in such document.

Signature of Witness

いく (Country)

### STATEMENT OF WITNESS

SIGNED at <u>Slough</u> (City) This <u>18</u> day of <u>January</u>, 200<u>2</u>.

I, MARGERY MAHONEY whose full

residence address is 1 HAMILTON LODGE, KINGS ROAD

WINDSOR BERKSHIRE SUP 2AS U.K was personally present and did see <u>Calterine Mekay</u> execute the above assignment on the <u>18</u> day of <u>January</u>, 2002, and such assignor is personally known to me to be the person described in such document.

Signature of Witness

(Country)

# STATEMENT OF WITNESS

SIGNED at _	Strugh	
_	,	(City)

This 21 day of <u>January</u>, 2002.

I, MARGERY MAHONEY whose full

residence address is 1 1tramicton LONGER KINGS ROAD

 $\frac{WiNN(GR, BERKSHIRE, SL42A5, U.K.}{Was personally present and did see <u>John Parker</u> execute the above assignment on the <u>21</u> day of <u>Jenning</u>, 2002, and such assignor is personally known to me to be the person described in such document.$ 

<u>Mangeny Malany</u> Signature of Witness