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rm PTO-1595 (Rev. 03-11) MB No. 0651-0027 (exp. 03/31/2012)		United States Patent and Trademark Office
REC	ORDATION FOR	M COVER SHEET
	PATENT	S ONLY
To the Director of the U.S. Patent and Trace	demark Office: Please	record the attached documents or the new address(es) below.
Name of conveying party(ies)		2. Name and address of receiving party (100)
		Name: Celltech Chiroscience Limited
iljeet Singh Athwal; Derek Thomas Brown; Andrev ndrew George Popplewell; Andrew Paul Chapmar	v Neil Charles Weir; n; David John King	Internal Address:
dditional name(s) of conveying party(ies) attac	Date(s):	Street Address: 208 Bath Road
Execution Date(s) <u>6/24/01;6/24/01;6/24/01;</u>	5/24/01: 08/21/- 01	
Assignment _	erger nange of Name	City: Slough, Berkshire
Joint Research Agreement		State:
Government Interest Assignment Executive Order 9424, Confirmato	ory License	Country: United Kingdom Zip: SL1 3WE
	randa (j. 1512). Harata	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s): A. Patent Application No.(s)	This	document is being filed together with a new application. B. Patent No.(s)
11/374,231		
_	Additional numbers at	tached? Yes No
 Name and address to whom core concerning document should be π 	respondence nailed:	6. Total number of applications and patents involved: 1
Name: Doreen Yatko Trujillo		7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:		Authorized to be charged to deposit account
Street Address: 1900 Market Street		Enclosed None required (government interest not affecting title)
		8. Payment Information
City: Philadelphia		
State: PA Zip:	19103	-
Phone Number: 215 665 5593		Deposit Account Number 503111
'Fax Number: 215 701 2005		Authorized User Name Dorgen Yatko Trujillo
Email Address: dtrujillo@cozen.com		Addionas and the same
9. Signature:	/Doreen Yatko Trujill Signature	o/ May 10, 2011
Doreen Yat Name of Pel	ko Trujillo	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 026257 FRAME: 0080

PATENT Joint Inventors

(Pending Application; Serial No. Known)

ASSIGNMENT

215-665-2013

WHEREAS, we Dilject Singh Athwal, Derek Thomas Brown, Andrew Neil Charles Weir, Andrew George Popplewell, Andrew Paul Chapman and David John King, hereinafter referred to as the assignors, of 208 Bath Road, Slough, Berkshire, SL1 3WE, 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. 09/875,221, filed June 6, 2001, entitled BIOLOGICAL PRODUCTS; and

WHEREAS, Celltech Chiroscience Limited hereinafter referred to as the assignee, of 208 Bath Road, Slough, Berkshire, SL1 3WE, United Kingdom, a corporation of the 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, and assign to and authorize said assignee, to file in our names applications for 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 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

> **PATENT** REEL: 026257 FRAME: 0081

13:31

DOCKET NO.: CARP-0089

PATENT
Joint Inventors

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 WE	HEREOF, we have hereunto set our hands and seals.
	Dillock Singh Athwal
	Derek Thomas Brown
<u>24 26 01</u> Date	Andrew Neil Charles Weir Andrew Neil Charles Weir
	Andrew George Popplewell
<u>u+ 06 01</u> Date	Andrew Paul Chapman (L.S.) Andrew Paul Chapman
Date	David John King (L.S.)

PATENT Joint Inventors

STATEMEN	T OF	'WIT	NESS
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residence address is

SIGNED at Slough (City)	(Country)	
This 24 day of July , 2001.		
I, Margery halong		whose full

was personally present and did see <u>Dilject Singh Athwal</u> execute the above assignment on the 24 day of ______, 2001, and such assignor is personally known to me to be the person described in such document.

Hamilton lodge, Kings Road,

PATENT Joint Inventors

STATEMENT OF WITNESS

SIGNED at Slough (City)	(Country)
(47)	(County)
This 14 day of July, 2001.	
	
7 Ann A 1 2	
I, hangery hahry	whose full
residence address is Hannulton adag	
residence address is 1 Hamulton la dge	, hung toad
Windser Revushine U.	K. '
was personally present and did see Derek Thomas Brow	n execute the above assignment on the
day of, 2001, and such assign	or is personally known to me to be the
person described in such document.	

Signature of Witness

PATENT Joint Inventors

STATEMENT OF WITNESS

be the person described in such document.

SIGNED at Siough (City)	(Country)
This At day of July, 2001.	
I, Mangery Maha	d
residence address is 1 Hamilton	bodge Kings Road
Windson Royaclano	3

was personally present and did see Andrew Neil Charles Weir execute the above assignment on the 14 day of ______, 2001, and such assignor is personally known to me to

PATENT Joint Inventors

STATEMENT OF WITNESS

SIGNED a	t <u> </u>	mah		U.K.
		(City)		(Country)
This 7.	d C	- n	200.	

residence address is 1 Hanilton lodge, King Road Wirdon Berkshine, U.K. was personally present and did see Andrew George Popplewell execute the above assignment on the 14 day of July , 2001, and such assignor is personally known to me to be the person described in such document.

PATENT Joint Inventors

STATEMENT OF WITNI	SS
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SIGNED at	Lough		U.K.
	(City)		(Country)
This 24 day of	Jinha	. 2001	

I, Mangery Mahony	whose full
residence address is 1 Hamilton ladge, King	Road
Landon Benkeline U.K.	
was personally present and did see Andrew Paul Chapman execute the abo	
the Hu day of T. O 2001 and make a significant	ove assignment on
the day of J. Q., 2001, and such assignor is personally	known to me to be
the person described in such document	

Marceny Mahory
Signature of Witness

PATENT Joint Inventors

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(Pending Application; Serial No. Known)

ASSIGNMENT

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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, and assign to and authorize said assignee, to file in our names applications for 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.

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PATENT REEL: 026257 FRAME: 0088 13:33

DOCKET NO.: CARP-0089

PATENT
Joint Inventors

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.

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

		(ル.シ.)
Date	Diljeet Singh Athwal	-
		(L.S.)
Date	Derek Thomas Brown	
		(L.S.)
Date	Andrew Neil Charles Weir	
		(L.S.)
Date	Andrew George Popplewell	
_		(L.S.)
Date	Andrew Paul Chapman	
215V Angust 2001	I Said John & in	(L.S.)
Date	David John King	7

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PATENT Joint Inventors

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.

DARLENE M. SENIGR Commission # 1207261 Notary Public - California Santa Clara County My Comm. Expires Feb 5, 2003