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10-03-2007 'FORM PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/00/200)

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Additional name(s) of conveying party(ses) attached? Yes No. Nature of conveyance:	Philadelphia, PA 19104			
Execution Date(s):				
Assignment Merger Change of Name Joint Research Agreement Government interest Assignment Executive Order 9424, Confirmatory License Other				
4. Application number(s) or patent number(s):	This document is being filed together with a new application			
A. Patent Application No.(s): 10/507,855	B. Patent No.(s):			
10.007,3000				
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5. Name and address of party to whom correspondence document should be mailed:	6. Total number of applications and patents involved:			
Evelyn H. McConathy	7. Total fee (37 C.F.R. 1.21(h & 3.41) = $\frac{40.00}{}$			
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## ASSIGNMENT

The undersigned hereby sell and assign their entire right, little and interest to THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA (the Assignee), a non-profit corporation organized and existing under the laws of the Commonwealth of Fennsylvania having its principal place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19:04 for

Check applicable box(es): [X] the United States of America (as defined in 35 U S.C. § 100), [X] and throughout the world.

in the invention known METEROLOGOUS PROTEIN PRODUCTION USING THE TWIN ARGININE TRANSLOCATION PATHWAY filed March 15, 2002 (also known as U.S. Application Serial No. 60/364.877) and filed January 21, 2003 (also known as U.S. Application Serial No. 60/441.576), and PCT international Application No. PCT/US03/08.61, filed on March 17, 2003 in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisionals and communing applications thereof to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree to execute all papers necessary in connection with the application and any continuing, divisional, reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient

The undersigned agree to execute all papers necessary in connection with any interference that may be deplaced concerning the application or any continuing, civisional, reissue or reexamination applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The unce signed hereby represents that they have full right to convey undersigned entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict therewith

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PATENT REEL: 019929 FRAME: 0531

ATTORNEY DOCKET NO: 61169.P2956 PCT/US

Assignment US Application No.: PCT/US03/08161

Date 7-6-67		MECHTILD POHLSCHRODER
Commonwealth of Pennsylv	vania: SS	
COUNTY of		
On this	_day of	2907, before me personally came the bethe same individual who executed the foregoing
above Mech ild Pohlschre assignment, and who ackno and purposes therein set for	wledged to me that	o be the same individual who executed the foregoing he executed the same of his own free will for the use
		Notary Public
Date:	Signature of Inv	entor:
		JESSICA C. KISSINGER
Commonwealth of Pennsylv	rania: SS	
COUNTY of		
above Jessica C Kissinger	, known to me to wledged to me that	2007, before me personally came the be the same individual who executed the foregoing she executed the same of her own free will for the
		Notary Public

AT FORNEY DOCK STINO: 61169,P295 - PCT/US

## Assignment US Application No.: PCT/US03/08161

Date:	Signature of Inve	ntor:
		R. WESLEY ROSE
Commonwealth of Pe	ennsylvania: SS	
COUNTY of	:	
On thi above R. Wesley R assignment, and who and purposes thersing	acknowledged to me that h	2007, before me personally came the the same individual who executed the foregoing the executed the same of his own free will for the use
		No.ary Publi:
Date: _	Signature of Inver	ntor:
		THOMAS BRI ESER
Commonvealth of Pa	90	
above Thomas Brue	ser, known to me to be acknowledged to me that h	2007, before me personally came the the same individual who executed the foregoing e executed the same of his own free will for the use
		Notary Public

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AT FORN BY DOCK ST NO: 61169.P2956 PCT/US

## Assignment US Application No.: PCT/US03/08161

Date:	Sign	nature of Inventor:	
		<del></del>	KIERAN DILKS
Commonwealth	of Pennsylvania:		
COUNTY of		SS	
COCNTT O:		•	
	In this day o	f	2007, before me personally came the
above Kieran lassignment, and and purposes the	who acknewledge	me to be the sar d to me that he exec	nie individual who executed the foregoing cuted the same of his own free will for he use
and purposed the	I SET BOU OF WIL		
		-	Notary Public

PATENT REEL: 019929 FRAME: 0534