FORM PTO-1619A Expires 06/30/99

	): The (		ioner of Patents and Trade	PATENTS ONLY marks: Please record the attac Conveyance	hed original document(s) or copy(ies
Su	⊠ Ne	submiss Docun	ion (Non-Recordation) nent ID # t of PTO Error	Assignment License  Merger	Security Agreement Change of Name
	Reel #		Frame#		Other
	Reel	1	Document Frame #	Depar	For Use ONLY by U.S. Government Agencies rtmental File Secret Fil
C	onveyi	ng Part	y(ies)	Mark if additional nar	mes of conveying parties attached Execution Date Month Day Year
	Name	(lin¢ 1)	CHUNG, TZE-CHIANG		07 28 99
	Name	(line 2)			Execution Date  Month Day Year
	cond	Party	TONG MINORIA		07 28 99
Na	me	(lir¢ 1)	DONG, JINYOUNG		
	me	(line 2)			
Re	eceiving	g Party			mes of receiving parties attached
	Name	(lire 1)	THE PENN STATE RESE	ARCH FOUNDATION	If document to be recorded is an assignment and the receiving party is not domiciled in the United
	Name	(lir¢ 2)	L		States, an appointment of a domestic representative is attached.
Ad	ldress	(lir¢ I)	304 Old Main		(Designation must be a separate
Ad	dress	(lir¢ 2)			Document from Assignment)
Ad	ldress	(line 3)	University Park City	PA 16802 State Zip Code	
	mestic	Repre	sentative Name and Ac	idress Enter for the f	irst Receiving Party only
Ad	dress	(lir¢ l)			
Ad	ldress	(lir¢ 2)			
	- مساما	ilinė 21			
	dress	(lir¢ 3)			
	ldress	(line 4)			
Ad	TON11	00000348	161133 09359345 F	OR OFFICE USE ONLY	

PATENT

U.S. Department of Commerce Patent and Trademark Office

REEL: 010711 FRAME: 0697

FORM PTO-10 9B Expires 06/30:99 OMB 0651-0027

Page 2

U.S. Department of Commerce
Patent and Trudemark Office
PATENT

Corresu	oongent r	Name and Address Area Code and Telephone Number   814-865-6279
Name		Thomas J. Monahan
Address	(line 1)	Intellectual Property Office
Address	(line 2)	The Pennsylvania State University
Address	(line 3)	113 Technology Center
Address	(line 4)	University Park, 16802-7000
Pages	Enter the	total number of pages of the attached conveyance document including any attachments
Applicat	ion Numb	bers(s) or Patent Number(s) Mark if additional numbers attached
Enter either	the Patent Ap	oplication Number or the Patent Number (DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY).
		t Application Number(s) Patent Number(s)
09/	/359, :45	
<u>-</u>		
		Month Day Y
first named Patent Co	executing inv	g filed together with a new Patent Application, enter the date the patent application was signed by the ventor.  Treaty (PCT)
first named Patent Co Enter PC Application	executing involved in the community of t	g filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the ventor.
Patent Co Enter PC Application	executing involved in the community of t	if filed together with a new Patent Application, enter the date the patent application was signed by the ventor.  Treaty (PCT) tion number only if a U.S. PCT PCT PCT PCT PCT PCT
first named Patent Co Enter PC Application assigned Number	poperation Tapplication Number	iffled together with a new Patent Application, enter the date the patent application was signed by the ventor.  Treaty (PCT) iton number only if a U.S. PCT PCT PCT PCT r has not been PCT PCT PCT
first named Patent Co Enter PC Application assigned Number	poperation Tapplication Number	If filed together with a new Patent Application, enter the date the patent application was signed by the ventor.  Treaty (PCT) In the name only if a U.S. PCT PCT PCT PCT  The price of properties involved # 1  Fee amount for Properties Listed (37 CFR 3.41) \$ 40.00  Method of Payment: Enclosed Deposit Account X
first named Patent Co Enter PC Application assigned Number	poperation Tapplication Number	rties  Enter the total number of properties involved # 1  Fee amount for Properties Listed (37 CFR 3.41) \$ 40.00  Method of Payment: Enclosed Deposit Account [X]  Deposit Account (Enter for Payment by deposit Account or if additional fees can be charged to the account.)
first named Patent Co Enter PC Application assigned Number	poperation Tapplication Number	rties  Enter the total number of properties involved # 1  Fee amount for Properties Listed (37 CFR 3.41) \$ 40.00  Method of Payment: Deposit Account X  Deposit Account
Patent Co Enter PC Application	poperation Tapplication Number	rties  Enter the total number of properties involved # 1  Fee amount for Properties Listed (37 CFR 3.41) \$ 40.00  Method of Payment: Enclosed Deposit Account [X]  Deposit Account (Enter for Payment by deposit Account or if additional fees can be charged to the account.)
Patent Co Enter PC Application assigned Number Fee Amou	executing incooperation Tapplication Number of Proper unt	rties  Enter the total number of properties involved # 1  Fee amount for Properties Listed (37 CFR 3.41) \$ 40.00  Method of Payment: Enclosed Deposit Account X  Deposit Account (Enter for Payment by deposit Account or if additional fees can be charged to the account.)  Authorization to charge additional fees: Yes X No
Patent Co Enter PC Application assigned Number Fee Amou	opperation T application Number of Proper unt and Signate best of my	rties  Enter the total number of properties involved # 1  Fee amount for Properties Listed (37 CFR 3.41) \$ 40.00  Method of Payment: Enclosed Deposit Account   Deposit Account   Enter for Payment by deposit Account or if additional fees can be charged to the account.)  Authorization to charge additional fees: Yes   X   No    ture  The total number of properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The true of properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The true of the properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The properties involved   1   16-11    Authorization to charge additional fees: Yes   X   No    The properties involved   1    The propertie

PATENT REEL: 010711 FRAME: 0698



## ASSIGNMENT

FOR VALUE RECEIVED, WE, TZE-CHIANG CHUNG and JINYONG DONG,

hereby sell. assign and transfer unto THE PENN STATE RESEARCH FOUNDATION

as assignee. and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed and claimed in an application for Letters Patent of the United States of America, entitled:

## "LINEAR COPOLYMERS OF ALPHA-OLEFINS AND DIVINYLBENZENE HAVING NARROW MOLECULAR WEIGHT AND COMPOSITION DISTRIBUTIONS AND PROCESS FOR PREPARING SAME"

signed by us on the date set forth below; and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representat ves or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may nenceforth by substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at University Park, Pennsylvania,

Witness: Standard Park, Pennsylvania,

TZE-CHIANGCHUNG

Signed at University Park, Pennsylvania,

Witness: Standard Mortania,

Timpor Daniel Jinyong Dong

PATENT
RECORDED: 03/20/2000 REEL: 010711 FRAME: 0699