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Submission Type  New	Conveyance Type  Assignment Security Agreement					
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Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date					
Name (line 1) Daniel R. Ward	Month Day Year May 11 2004					
Name (line 2) Second Party Name (line 1)	Execution Date  Month Day Year					
Name (line 2)						
Receiving Party	Mark if additional names of receiving parties attached					
Name (line 1) Equistar Chemicals, LP	If document to be recorded is an assignment and the					
Name (line 2)	receiving party is not domiciled in the United States, an appointment					
Address (line 1) One Houston Center	of a domestic representative is attached. (Designation must be a separate document from					
Address (line 2) 1221 McKinney Street	Assignment.)					
Address (line 3) Houston	Texas 77010					
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06/16/

**PATENT** 

REEL: 015455 FRAME: 0847

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U.S. Department of Commerce

Expires 06#10/99 OME 0651-0027	Page 2	PATENT PATENT		
Correspondent Name and Address	Area Code and Telephone Number	513-530-4230		
Name William A. Heidrich				
Address (line 1) Equistar Chemicals, LP				
Address (line 2) 11530 Northlake Drive				
Address (line 3) Cincinnati, Ohio 45249				
Address (line 4) USA				
Pages Enter the total number of paincluding any attachments	ages of the attached conveyance docume	ent #		
Application Number(s) or Patent Nu	mber(s) Mark if a	dditional numbers attached		
Patent Application Number(s)  10/842,924  If this document is being filed together with a new Pater signed by the first named executing inventor.  Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Number has not been assigned.  Number of Properties	ent Application, enter the date the patent application  PCT PCT	Number(s)		
	Int for Properties Listed (37 CFR 3.41): \$  Iosed Deposit Account   Idditional fees can be charged to the account.)  Deposit Account Number: #  Authorization to charge additional fees:	40.00  01-2230  Yes		
Statement and Signature				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Gerald A. Baracka  Name of Person Signing  Signature  Date				

**PATENT REEL: 015455 FRAME: 0848** 

Assignment of Rights in Invention (Sole inventor; single assignee)		Docket No. 88-2079A; Cust. No. 33967
Inventor	Reside	nce of Inventor
DANIEL R. WARD	1159 Chaucer Place Maineville, Ohio 45039 United States of Americ	a
Assignee	Residence or Principal	Place of Business of Assignee
EQUISTAR CHEMICALS, LP	One Houston Center 1221 McKinney Street Houston, Texas 77010 United States of America	

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in:

## ADHESIVE COMPOSITION HAVING IMPROVED CLARITY FOR COEXTRUDED BARRIER FILMS

(hereinafter referred to as "Invention") for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of ONE dollars

(\$ 1.00 ), and other good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Director of the United States Patent and Trademark Office to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

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PATENT REEL: 015455 FRAME: 0849

Assignment of Rights in Invention	11:			
(Sole inventor; single assignee)	88-2079A; Cust. No. 33967			
Inventor	Residence of Inventor			
DANIEL R. WARD	1159 Chaucer Place Maineville, Ohio 45039 United States of America			
Assignee	Residence or Principal Place of Business of Assignee			
EQUISTAR CHEMICALS, LP	One Houston Center 1221 McKinney Street Houston, Texas 77010 United States of America			
And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.				
Executed this 11 day of MAY, in the year 2004  at Cincinnati  State of Ohio				
County of Hamilton				
Before me personally appeared DANIEL R. WARD who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this       day of May , in the year 2004				
	Margard E. Bailey (Notary Public)  MARGARET E BAILEY Notary Public, State of Ohio My Commission Expires August 31, 2005 Recorded in Warren County			
	,			

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