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1. Name of conveying party(ies):	2. Name and address of receiving par				
Yoshihiko Mori	Name: Tosoh Corporation Street Address: 4560 Kaisei-cho				
Takao Doi Tetsuo Asakawa U · U I I 7	City: Shinnanyo-shi, 102415088				
Takanori Miyake	State: Yamaguchi Postal Code: 746-8501				
	Country: Japan				
	Additional name(s) & address(es) attached? ? □ yes ☑ no				
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3. Nature of Conveyance:					
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Execution Date(s): 21 September 2000					
4. Application number(s) or patent number(s):					
., ., .,	on the avecution data of the application in Neverskar 4, 2002				
it this document is being fried together with a new applicant	on, the execution date of the application is: November 4, 2002				
A. Patent Application No(s).	B. Patent No(s).				
	10242439				
Additional numbers attached? ☐ yes ☑ no					
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: Liniak, Berenato, Longacre & White, LLC	7. Total fee (37 C.F.R. § 3.41)\$ 40.00				
Internal Address:	☑ Enclosed				
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, paid to each of the undersigned:

(1st Inventor)	Yoshihiko MORI					
(2 nd Inventor, if any)	Takao	DOI				
(3rd Inventor, if any)	Tetsuo	ASAKAWA				
(4th Inventor, if any)	Takanori	MIYAKE				
(5th Inventor, if any)	· ·					
(6th Inventor, if any)						
(7th Inventor, if any)						

each of the undersigned hereby sells and assigns to TOSOH COROPORATION (the Assignce) his/her entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, in the invention(s) known as:

PROCESS	FOR	PRODUCING	PHENYL	ESTER	AND	CATALYST		
						•		
for which applica	tion(s)	for patent in the	United Sta					
undersigned on:						n as United State		
	filed), in	any and	all app	lications thereon	, in any and	d all Letters
Patent(s) therefor,	and in	any and all reissu	es, extensio	ns, renewal	s. reex:	aminations of suc	h applicatio	ns or Letters
Patent(s) and divis	ional a	nd continuation a	pplications t	hereof, to	the full	end of the term	or terms for	which such
Letters Patent(s) is	sue, inc	cluding all claims	, if any, tha	t may have	arisen	for infringemen	t prior to the	date of this
Assignment, such	entire r	ight, title and inte	rest to be h	eld and enj	oyed b	y the above-nam	ed Assignee	to the same
extent as they woul	ld have	been held and enj	oyed by the	undersigne	d had t	his assignment ar	id sale not be	en made.

Each of the undersigned agrees to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

Each of the undersigned agrees to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

Each of the undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

Each of the undersigned hereby grants the following agents and attorneys the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Thomas P. Liniak, Reg. No. 33,415 Joseph W. Berenato, III, Reg. No. 30,546 James R. Longacre, Reg. No. 24,421 Matthew W. Stavish, Reg. No. 36,286 Karen Orzechowski, Reg. No. 31,621

John M. White, Reg. No. 32,634 Stuart D. Frenkel, Reg. No. 29,500 Jeffrey I. Auerbach, Reg. No. 32,680 Matthew F. Johnston, Reg. No. 41,096 George Ayvazov, Reg. No. 37,483 IN WITNESS WHEREOF, executed by each of the undersigned on the date(s) opposite their name(s).

Date:	Sep.21,2000	Yoshihiko MORI Signature of 1st Inventor:	Joshiko moni
Date:	Sep.21,2000	Takao DOI Signature of 2 nd Inventor (if any):	Takan Dai
Date:	Sap.21,2000	Tetsuo ASAKAWA Signature of 3rd Inventor (if any):	Tetaro Duskava
Date:	Sep. 21, 2000	Takanori MIYAKE Signature of 4th Inventor (if any):	Takanon Migalin
Date:		Signature of 5th Inventor (if any):	
Date:		Signature of 6th Inventor (if any):	
Date:		Signature of 7th Inventor (if any):	