Atty Docket No.:

FORM PTO-1595

1-31-92

0073-0456-0

2)

101282882

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): FEB 0 2 2000 Hideyuki MIMURA, Motohiro OGURI, TOSOH CORPORATION Name: Toshihide YAMAMOTO, Hideyuki MURAKITA Address: 4560, Kaisei-cho, Shinnanyo-shi, Hisanori OKADA and Toru YOSHIDA Yamaguchi, 746-8501 Japan Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: ■ Assignment □ Merger □ Change of Name □ Security Agreement □ Other **Execution Date:** December 8, 1999 Additional name(s) and address(es) attached? □Yes ■No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/457,522 Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: OBLON, SPIVAK, McCLELLAND, MAIER & 7. Total fee (37 CFR 3.41): \$40.00 NEUSTADT, P.C. ■ Enclosed Attorneys at Law □ Authorized to be charged to deposit account Fourth Floor 8. Deposit account number: 15-0030 1755 Jefferson Davis Highway (Attach duplicate copy of this page if paying by deposit account) Arlington, Virginia 22202 DO NOT USE THIS SPACE 9. 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. Norman F. Oblon Name of Person Signing egistration No. Registration Number: 24,618 Total number of pages including this cover sheet: 03/07/2000 DCDATES 00000203 09457522 01 FC:581 40.00 UP Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT REEL: 010584 FRAME: 0510

Assignment Of Application

	WHEREAS, I (WE)
	Hideyuki MIMURA, Motohiro OGURI, Toshihide YAMAMOTO,
NSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:	Hideyuki MURAKITA, Hisanori OKADA, and Toru YOSHIDA of
	2-15-4, Doi, Shinnanyo-shi, Yamaguchi, 746-0011 Japan;
	7-8, Betsumei 6-chome, Yokkaichi-shi, Mie, 510-0007 Japan;
	5-1, Betsumei 3-chome, Yokkaichi-shi, Mie, 510-0007 Japan;
	4-1, Betsumei 3-chome, Yokkaichi-shi, Mie, 510-0007 Japan;
	366-1, Tarusaka-cho, Yokkaichi-shi, Mie, 512-8037 Japan; and
	5-304, Shinnishikata, Kuwana-shi, Mie 511-0863 Japan
	, respectively
NSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: CATALYST FOR TRIMERIZATION OF ETHYLENE AND PROCESS FOR TRIMERIZING ETHYLENE USING THE CATALYST
NSERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on December 1 and 8, 1999
	(Application No, filed
NSERT NAME IND ADDRESS OF OMPANY OR ITHER ASSIGNEE:	WHEREAS,TOSOH CORPORATION
THER ASSIGNEE.	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi, 746-8501 Japan
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to an

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

1/95

PATENT REEL: 010584 FRAME: 0511 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date:	December 8, 1999		Touteyardix minuma
Date		(Signature of Inventor)	Hideyuki MIMURA
Date:_	December 8, 1999		motohira Oguri
		(Signature of Inventor)	Motohiro OGURI
Date:_	December 8, 1999		To shiple Jamamoto Toshihide YAMAMOTO
		(Signature of Inventor)	Toshinide YAMAMOTO
Date:_	December 8, 1999		Hideyuki Murakita Hideyuki MURAKITA
		(Signature of Inventor)	Hideyuki MURAKITA
Date:_	December 8, 1999		Hisanori Ckada
		(Signature of Inventor)	Hisanori OKADA
Date:_	December 8, 1999		Jorn Joshida
		(Signature of Inventor)	Toru YOSHIDA
Date:_		(S)	· · · · · · · · · · · · · · · · · · ·
		(Signature of Inventor)	
Date:_			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

1/95

RECORDED: 02/02/2000

PATENT REEL: 010584 FRAME: 0512