Atty Docket No.: 221948US2 FORM PTO-1595 1-31-92 To the Honorable Commissioner of Patents and Trademarks. Pto			
1. Name of conveying party(ies): Tsuyoshi TANAKA; Toshinori HAYASHI; Toru FUTAMI; Koji KATAYAMA; Akira KAWAI and Keiichiro NISHIZAW Additional name(s) of conveying party(ies) attached? □Yes ☑	Address: 4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi-ken, 746-8501		
3. Nature of Conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: April 22, 2002	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) 10/120,480	B. Patent No.(s) attached? □Yes ⊠No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1		
22850	7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)		
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Name of Person Signing	Signature Date		
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Washington, D.C. 20231

PATENT REEL: 013014 FRAME: 0878

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE) 1) Tsuyoshi Tanaka, 2) Toshinori Hayashi, 3) Toru Futami, 4) Koji Katayama,
ERT NAMES D RESIDENCE	5) Akira Kawai and 6) Kelichiro Nishizawa
DRESS OF INVENTORS:	1) of: Room 406, 23-4, Asahi-cho, Sagamihara-City, Kanagawa-Ken, Japan,
	2) of: Room 107, 23-4, Asahi-cho, Sagamihara-City, Kanagawa-Ken, Japan,
	3) of: Room 306, 1689-1, Bukko-cho, Hodogaya-ku,
	Yokohama-City, Kanagawa-Ken, Japan,
	4) of: 3409-1, Fukami, Yamato-City, Kanagawa-Ken, Japan,
	5) of: Room 206, 23-4, Asahi-cho, Sagamihara-City, Kanagawa-Ken, Japan and
	6) of: 34-17, Higashikawashima-cho, Hodogaya-ku,
	Yokohama-City, Kanagawa-Ken, Japan
	, respectively,
ERT TITLE INVENTION:	have invented certain new and useful improvements in: FINE CHANNEL DEVICE,
	METHOD FOR PRODUCING THE FINE CHANNEL DEVICE AND USE OF THE SAME
ERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on April 17, 18 and 22, 2002
	(Application No. 10/120,480 , filed <u>April 12, 2002</u>), and
ERT NAME D ADDRESS OF MPANY OR HER ASSIGNEE	WHEREAS, TOSOH CORPORATION
	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi-ken, 746-8501 Japan
	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.

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.

10/01

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: Jul 22, 2002 Januach Fanaka (Signature of Inventor) Tsuyoshi Tanaka	
Date: April 22, 2002 (Signature of Inventor) Toshinori Hayashi	
Date: Opril 22, 2002 <u>For Futami</u> (Signature of Inventor) Toru Futami	·····
Date: April 27. 2002 Weji: Latayana (Signature of Inventor) Koji Katayama	
Date: Opril 22. 2002 Akira Hawai (Signature of Inventor) Akira Kawai	
Date: April 22, 2002 Meichiro Prishizawa (Signature of Inventor) Keiichiro Nishizawa	
Date: (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

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RECORDED: 06/20/2002 REEL: 013014 FRAME: 0880