08-02-2004

J.S. DEPARTMENT OF COMMERCE FORM PTO-1595 RECORDA' 102803206 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Kohei SHIBATA 2. Name and Address of receiving party(ies): **FUJITSU LIMITED** 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan Nature of conveyance: 3. Assignment Merger Security Agreement Change of Name Other: 7-27-04 Execution Date(s): July 9, 2004 4. Application number(s) or patent number(s): This document is being filed together with a new application: The execution date(s) of the application is/are: July 9, 2004 (a) (b) The title is:TUNABLE DISPERSION COMPENSATOR ☐ This document is being filed after filing of the application: Patent Application No(s). __/___, filed _____ (a) (b) Patent No(s). 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1448.1061 Attention: H. J. Staas 1201 New York Ave., N.W., Suite 700 10/899003 Washington, D.C. 20005 6. Total number of applications and patents involved: __1 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) **Enclosed** X Authorized to be charged to deposit account. 8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) 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. H. J. Staas, Reg. No. 22,010 Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE 3/2004 TBESHAHI 00**000045 1089900**3

> PATENT REEL: 015615 FRAME: 0668

U.S. ASSIGNMENT

S&H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.0 inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	0), and of other good and	valuable consideration paid to the undersigned
FUJITSU LIMITED		
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasak	i-shi, Kanagawa 211-858	3 Japan
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ac ASSIGNEE the entire and exclusive right, title and interest to (Title of Invention)		d ASSIGNOR hereby sells, assigns and transfers to
TUNABLE DISPERSION COMPENSATOR		
relating to International Patent Application PCT/JP / executed on even date herewith or, if not so executed, was:	and/or for which ap	plication for Letters Patent of the United States was
•		
(a) executed on July 9, 2004;	(Insert date of execution	on of application, if not concurrent)
(b) filed on, Serial No/;		y of STAAS & HALSEY LLP, 700 Eleventh Street, C. 20001 (202/434-1500) is hereby authorized to ed data, when known.
and to said application and all Letters Patent(s) of the United substitute, reissue or reexamination application based thereon, including any extensions thereof (collectively, hereinafter, "sa	for the full term or terms for	which the said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASSIGN which the ASSIGNEE may deem necessary, desirable or experincluding in the preparation and prosecution of said application reexamination, or public use proceeding, and in any litigation acts to include but not be limited to executing all papers, inclusively many and obtaining and producing evidence.	edient, for securing, maintain on(s) and the issuance of said or other legal proceeding wh	uing and enforcing protection for said invention, I Letters Patent(s), in any interference, reissue, ich may arise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s) ha (Typed Name & Signature of Inventor(s))	s (have) affixed his/her/their (Date)	signature(s). (Typed Name & Signature of Witness(es))
Kohei SHIBATA	July . 9. 2004	Cycolifumi Cawarniza
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3)		

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RECORDED: 07/27/2004