Express Mail No.:EL631547708US U.S	Atty Docket: 36856.336
Form PTO-1595 10142	2234 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Offer
	ORM COVER SHEET
1.13.00 PATEN	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached origin	al documents or copy thereof.
Name of conveying party(ies): Hideaki TANAKA	2. Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached? □ yes ⊠no	(2a.) Name: <u>Murata Manufacturing Co., Ltd.</u> Address: <u>26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555,</u> Japan
3. Name of Conveyance:	(2b.)
	NameAddress:
Assignment Merger	
Security Agreement Change of Name Cther	Additional name(s) & address(es) attached? □yes ⊠no
Execution Date: July 11, 2000	
4. Application number(s) or patent number(s):	5875
If this document is being filed together with a new application, the execution	
A. Patent Application No.(s) Additional numbers a	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: one
document should be mailed:	
Name: Christopher A. Bennett, Esg.	
Internal Address: KEATING & BENNETT LLP	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Street Address: 10400 Eaton Place, Suite 312	-
City: Fairfax State: VA ZIP 22030	
	Authorized to be charged to deposit account
	8. Deposit account number: 50-1353
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<b>40.00 UP</b> 9. Statement and signature.	
- the foregoing information is true	e and correct and any attached copy is a true copy of the original document.
	A 7 July 13, 2000
I Name of Person Signing	Date
-	Total number of pages comprising cover sheet, attachments and document:
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Mail documents to be recorded with required cover sheet information to	missioner for Patents

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PATENT REEL: 010959 FRAME: 0486

Attorney Docket No.: 36856.336

## ASSIGNMENT (WORLDWIDE)

WHEREAS, I, Hideaki TANAKA (hercinafter referred to as ASSIGNOR), have invented and own a certain invention entitled DELAY LINE for which application for Letters Patent of the United States has been

executed on oven date herewith;

filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyoshi, Kyota-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00). the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: 2000-7-11 Hideaki Tanaka July 11, 2000 Hideaki TANAKA

## PATENT REEL: 010959 FRAME: 0487

**RECORDED: 07/13/2000**