FORM PTO-1595	HEFT U.S. DEPARTMENT OF COMMERCE
(Rev. 6/93) OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Office
To the Honorable Commissioner of P. 1019170	Mariel Bill! Ball Hall
1. Name of conveying party(ies): Mark Brooks, Hiroo Inoue Additional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies): Name: Thin Film Technology Corp. Internal Address:
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 10/30/01	Street Address: 1980 Commerce Drive City: North Mankato State: MN ZIP: 56001 Additional name(s) & 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: 10/30/01 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No	
5. Name and Address of party to whom correspondence concerning document should be mailed: Name: Law Offices of D. L. Tschida Internal Address: /12/2001 ANDOF01 00000021 10005794 FC:581 40.00 0P Street Address: 633 Larpenteur Ava. West – Suite B	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00 □ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number:
City: St. Paul State: MN ZIP: 55113	(Attach duplicate copy of this page if paying by deposit account)
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. Douglas L. Tschida Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, DC 20231

REEL: 012363 FRAME: 0632

ASSIGNMENT

WHEREAS, Mark Brooks, 718 South Avenue, North Mankato, MN, 56003 and Hiroo Inoue, 1980 Commerce Drive, North Mankato 56001 are the inventors of that certain invention disclosed and claimed in an application for United States Letters Patent entitled "TAPERED DELAY LINE" which was executed by the aforesaid individuals on October 30, 2001 ;

WHEREAS, Thin Film Technology Corp., doing business as a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having its principal office located at 1980 Commerce Drive, North Mankato, MN 56001 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right title and interest to said invention and any patents of any countries which may be granted on said invention and related patent applications and letters patent; and

WHEREAS, the foregoing inventors (hereinafter collectively referred to as ASSIGNOR), are desirous of assigning their rights and interest in said invention and any related applications wherever filed.

NOW THEREFORE, Be It Known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid by ASSIGNEE to ASSIGNOR, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and does hereby sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest, both legal and equitable, to the above identified invention, to the above identified application for patent, and to all patents of any countries which may be granted to said invention; and the Commissioner of Patents and Trademarks or other cognizant patent authority is hereby authorized and requested to issue, in accordance with this Assignment, all patents which may be granted to the above identified application or the invention therein disclosed.

ASSIGNOR agrees also whenever called upon and without separate remuneration, other than attendant expenses, to timely execute, acknowledge, assist in and do those things deemed necessary by ASSIGNEE to perfect its rights worldwide to the invention and to assist ASSIGNEE as necessary in enforcing such rights.

Mark Brooks

STATE OF MINNESOTA

COUNTY OF Washington

Subscribed and sworn to before me this

DOUGLAS L TSCHIDA Notary Public Minnesota My Commission Expires 1/31/2005

RECORDED: 11/02/2001

PATENT REEL: 012363 FRAME: 0633