06-04-1999 FORM PTO-1595 (Modified)

Docket No.: SLA0409

U.S. DEPARTMENT OF COMMERCE

(Nev. 5-93) OMB No. 3651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02	Patent and Trademark Office
( (SE) of them was a series of the series of	6066
To the Honorable Commissioner of Patents radelinarks:	6066 Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Fengyan Zhang, Tingkai Li and Sheng Teng Hsu	Name and address of receiving party(ies):     Name: Sharp Laboratories of America, Inc.
	Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
	Street Address: 5750 NW Pacific Rim Boulevard
☐ Security Agreement ☐ Change of Name	
Other	City: Camas State: WA ZIP: 98607
Execution Date: May 24, 1999	Additional name(s) & address(es) attached?   Yes  No
4. Application number(s) or registration numbers(s): <b>O9</b> If this document is being filed together with a new application	3/7780, the execution date of the application is: May 24, 1999
A. Patent Application No.(s)	B. Patent No.(s)
SLA 0409	
5.24.99 Additional numbers attack	hed? 🔲 Yes 🔀 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Gerald W. Maliszewski, Patent Attorney	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Sharp Laboratories of America, Inc.	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	Authorized to be charged to deposit account
Street Address: 5750 NW Pacific Rim Boulevard	8. Deposit account number:
City: Camas State: WA ZIP: 98607	19-1457
DO NOT USE THIS SPACE 6/04/1999 MTHAI1 00000060 191457 09317780	
1 ਉੱ ਤੀਜ਼ੀement and slyndture.	ation is true and correct and any attached copy is a true copy
Gerald Maliszewski, Reg. No. 38,054	May 24, 1999
Name of Person Signing  Total number of pages including cover significant cover sign	Signature neet, attachments, and document:  5  Date

**PATENT** REEL: 009990 FRAME: 0134

## **ASSIGNMENT**

WHEREAS, the undersigned <u>Fengyan Zhang</u>, a resident of Vancouver, WA, <u>Tingkai Li</u>, a resident of Vancouver, WA, and <u>Sheng Teng Hsu</u>, a resident of Camas, WA, (hereinafter termed "inventors") have invented certain new and useful improvements in:

LEAD GERMANATE FERROELECTRIC STRUCTURE WITH MULTI-LAYERED ELECTRODE AND DEPOSITION METHOD FOR SAME

and has executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

X	On the 24th day of May, 1999,
	Or
	Said application having been previously filed and assigned Serial Number _/, and filing date 1999.

WHEREAS Sharp Laboratories of America, Inc., a corporation of the State of Washington, (hereinafter termed "Assignee"), having a place of business at 5750 NW Pacific Rim Boulevard, Camas, State of Washington, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other government grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and

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PATENT REEL: 009990 FRAME: 0135 to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

- 2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting application for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, said Inventors' heirs, legal representatives and assigns.
- 4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

this instrument to said Assignee on the date of a Notary Public as given below.			
44)	11-2-		
(1)	(Inventor's Signature)		
	(inventor's signature)		
State of Washington )			
County of Clark ) ss			
On May 24, 1999, before me, Victoria A. Woods, personally appeared Fengyan Zhang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.			
and personner, encounter and management	VICTORIA A. WOODS		
WITNESS my hand and official seal.	NOTARY PUBLIC		
Signature: Victoria a. Woode	STATE OF WASHINGTON		
Signature: Cicloria (1, Colonia)	COMMISSION EXPIRES February 21, 2003		
Notary Public	*********		
IN WITNESS WHEREOF, the said delivered this instrument to said Assignee on the Notary Public as given below.			
State of Washington ) ss			
County of Clark )			
On May 24, 1999, before me, Victoria A. Woods, personally appeared Tingkai Li, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.			
WITNESS my hand and official seal.	VICTORIA A. WOODS		
	NOTARY PUBLIC		
Signature: Victoria a. Woods	STATE OF WASHINGTON		
- · · · · · · · · · · · · · · · · · · ·	COMMISSION EXPIRES		
Notary Public	February 21, 2003		

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COMMISSION EXPIRES February 21, 2003

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee on the date of acknowledgment before the Notary Public as given below. (3) Shangland (Inventor's Signature) State of Washington County of Clark On May 24, 1999, before me, Victoria A. Woods, personally appeared Sheng Teng Hsu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. **VICTORIA A. WOODS** WITNESS my hand and official seal. Signature: Zictaria A. Woods

Notary Public **NOTARY PUBLIC** STATE OF WASHINGTON **COMMISSION EXPIRES** February 21, 2003

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RECORDED: 05/24/1999