FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar

Name of Person Signing

09-18-2001



Docket No.: SLA0608

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings $\rightarrow \rightarrow \rightarrow \qquad $	6747
	: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Sheng Teng Hsu 19/06/01	2. Name and address of receiving party(ies): Name: Sharp Laboratories of America, Inc. Internal Address:
Additional names(s) of conveying party(ies) ☐ Yes ☒ No	26/6
3. Nature of conveyance:	o o o o o o o o o o o o o o o o o o o
	Street Address: 5750 NW Pacific Rim Boulevard
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Camas State: WA ZIP: 98607
Execution Date: September 6, 2001	Additional name(s) & address(es) attached? Yes No
Additional numbers atta	ached? ☐ 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: Matthew D. Rabdau, Patent Attorney	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Registration No. 43,026	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Sharp Laboratories of America, Inc.	☑ Authorized to be charged to deposit account
Street Address: 5750 NW Pacific Rim Boulevard	8. Deposit account number:
City: Camas State: WA ZIP: 98607	19-1437
Oity.	OT USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information	

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, the undersigned Sheng Teng Hsu, a resident of Camas, WA, (hereinafter termed "inventor") has invented certain new and useful improvements in:

OUTPUT SENSE AMPLIFIER FOR A MULTIBIT MEMORY CELL

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

X	On the <u>6TH</u> day of September, 2001;	
	Or	
	Said application having been previously filed and assigned Serial Number _/, and filing date	

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 Inventor does 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

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PATENT REEL: 012156 FRAME: 0150 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 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 Inventor hereby covenants and agrees 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 inventor 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 Inventor hereby warrants and represents that said Inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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.

(1) Mengefeng I dan (Inventor's Signature)

State of Washington)
County of Clark)

On <u>September 6, 2001</u> before me, <u>Victoria A. Woods</u>, personally appeared <u>Sheng Teng Hsu</u>, 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.

Signature: Notary Public

VICTORIA A. WOODS

NOTARY PUBLIC

STATE OF WASHINGTON

COMMISSION EXPIRES

February 21, 2003

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RECORDED: 09/06/2001