Docket No.: SLA0514 FORM PTO-1595 (Modified) SHEET U.S. DEPARTMENT OF COMMERCE (Rev 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office 02-27-2002 Copyright 1994-97 LegalStar P08/RE v02 Tab settings → → To the Honorable Commissioner o I the attached original documents or copy thereof. 101994951 . Name and address of receiving party(ies): 1. Name of conveying party(ies): Yanjun Ma, Douglas James Tweet and David Russell Evans Name: Sharp Laboratories of America, Inc. Internal Address: Additional names(s) of conveying party(ies) ☐ Yes ☐ No 3. Nature of conveyance: Street Address: 5750 NW Pacific Rim Boulevard Merger Security Agreement Change of Name City: Camas __ State: WA __ ZIP: 98607 □ Other Execution Date: (Ma1/25/02)(Tweet 1/31/02)(Evans2/01/02) Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: February 7, 2002 A. Patent Application No.(s) B. Patent No.(s) 10/072248 Additional numbers attached? X No Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: David C. Ripma, Patent Counsel 7. Total fee (37 CFR 3.41):.....\$ 40.00 Internal Address: Registration No. 27,672 ☐ 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: 19-1457 ZIP: 98607 State: WA City: Camas 00000023 191457 02/26/2002 AAHNED1 40.00 CH and signature. true and correct and any attached copy is a true copy To the best of my knowledge and belief, the foregoing infolmation is of the original document.

David C. Ripma, Reg. No. 27,672

Name of Person Signing

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

Signature

February 7, 2002

ASSIGNMENT

WHEREAS, the undersigned Yanjun Ma, a resident of Seattle, WA, Douglas James Tweet, a resident of Camas, WA, and David Russell Evans, a resident of Beaverton, OR, (hereinafter termed "inventors") have invented certain new and useful improvements in:

SILICON-GERMANIUM MOSFET WITH DEPOSITED GATE DIELECTRIC AND METAL GATE ELECTRODE AND METHOD FOR MAKING THE SAME

and have executed a declaration or oath for an application for a United States

patent disclosing and identifying the invention:

| X | Yanjun Ma on the 25^{th} day of January, 2002; Douglas James Tweet on the 31^{st} day of January, 2002; and David Russell Evans, on the 1^{st} day of February, 2002. |
|---|---|
| | 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 Inventors (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 Inventors 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

Page 1 of 3

Patent Assignment P0514

PATENT REEL: 012603 FRAME: 0575 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 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 Inventor's 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.

IN WITNESS WHEREOF, the said Inventor has executed said Assignment on the date given below.

| (1) Yanjun Ma (Signature) | //25/02 (Date) |
|--|-------------------------------------|
| IN WITNESS WHEREOF, the said In Assignment on the date given below. | nventor has executed said |
| (2) Local Locat Douglas James Tweet (Signature) | //3//o2 (Date) |
| IN WITNESS WHEREOF, the said In on the date given below. | ventor has executed said Assignment |

RECORDED: 02/07/2002

David Russell Evans (Signature)

(Date)