

06-07-1999



Attorney Docket No. 16333-001000

FORM PTO-1595 U.S. Department of Commerce Patent and Trademark Office (Rev. 6-93) 101057721 To the Honorable Asst. Commissioner for Paierus. Please record the attached original documents or copy thereof Name of conveying party(ies): Name and address of receiving party(ies) Robert M. Salter III, Robert J. Lipp, Kyung Joon Han, Name: Gatefield Corporation Jack Zezhong Peng Internal Address: n/a Additional name(s) of conveying parties attached? Street Address: 47100 Bayside Parkway ☐ Yes ⊠No. State: CA City: Fremont ZIP: 94538-9942 Nature of conveyance: Additional names and addresses attached? ☐ Merger ☐ Yes ☑ No ☐ Change of Name ☐ Security Agreement Other: Execution Date: 8/13/98; 8/14/98; 8/17/98; 8/17/98 Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is: N/A Patent Application No(s): 09/138,838 Patent No(s): N/A ⊠ No Additional numbers attached? ☐ Yes 6. Total number of applications and patents Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Henry K. Woodward, Esq. Name: TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8th Floor ☐ Enclosed □ Charge Fees to Deposit Account San Francisco, California 94111-3834 □ Charge any additional fees associated with this paper or (415) 576-0200 during the pendency of this application, or credit any overpayment, to deposit account. Deposit account number: 20-1430 DO NOT USE THIS SPACE -Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document. Henry K. Woodward Name of Person Signing mber of pages including cover sheet, attachments and document 6 Atty Reg. No. 22,672 10. Change Correspondence Address to that of Part 5? □ No OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover to: Asst. Commissioner for Patents

Box: Assignments Washington, D.C. 20231

> **PATENT** REEL: 009995 FRAME: 0640

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Robert M. Salter III of 13630 Beaumont Avenue, Saratoga, California 95070, Robert J. Lipp of 15881 Rose Avenue, Los Gatos, California, Kyung Joon Han of 10408 Colby Avenue, Cupertino, California 95014, and Jack Zezhong Peng of 1539 Eddington Place, San Jose, California 95129, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: IMPROVED NONVOLATILE REPROGRAMMABLE INTERCONNECT CELL WITH FN TUNNELING DEVICE FOR PROGRAMMING AND ERASE

Date(s) of execution of **Declaration**: 8/13/98; 8/14/98; 8/17/98; 8/17/98

Filing date: 8/24/98 Application No.: 09/138,838 ; and

WHEREAS, GateField Corporation, a Delaware corporation, located at 47100 Bayside Parkway, Fremont
California 94538-9942, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the
invention and application and in any Letters Patent and Registrations which may be granted on the same;
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.
Date: August 17 1998 STATE OF California Robert M. Salter III
COUNTY OF Alameda
On At 17, 1998, before me, Lynn M. Senned Notary (here insert name and title of the officer), personally appeared Robert M. Salter III, 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

1

PATENT REEL: 009995 FRAME: 0641

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, execute the instrument. Lynno M. Bonnett WITNESS my hand and official seal. omm. #1074994 Y PUBLIC CALIFORNIA ALAMEDA COUNTY Comm. Exp. Oct. 15, 1999 STATE OF COUNTY OF , before me, (here insert name and title of the officer), personally appeared Robert J. Lipp, 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 acted, execute the instrument. Comm. #1074994 OTARY FUELIC CALIFORNIA ALAMEDA COUNTY WITNESS my hand and official seal. Comm. Exp. Oct. 15, 1990 (See taxed copy) (Seal) Signature Date: Kyung Joon Han STATE OF COUNTY OF before me (here insert name and title of the officer), personally appeared Kyung Joon Han, personally known 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, execute the instrument. WITNESS my band and official seal. (Seal)

2

PATENT

REEL: 009995 FRAME: 0642

08/13/98 THU 15:33 FAX 623 4484 MAIN FAX

@ 004

and acknowledged to me that he/she/they execute by his/her/their signature(s) on the instrument acted, execute the instrument.	uted the same in his/her/their authorized capacity(ies), and that the person(s), or the entity upon behalf of which the person(s)
WITNESS my hand and official seal. ,	· ,
	· · · · · · · · · · · · · · · · · · ·
Signature	(Sezi)
Date:	
	Robert J. Lipp
STATE OF CULTVAIL	
COUNTY OF Alameda	
on Aug 14 1998 , before me Lynn	19 M Sennet William (here insert name and title
of satisfactory evidence) to be the person(s) was acknowledged to me that he/she/they executed	Lipp, personally known to me (or proved to me on the basis whose name(s) is/are subscribed to the within instrument and the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the acted, execute the instrument.	person(s) or the entiry apon behalf of which the person(s) Lynne M. Bennett
WITNESS my hand and official seal.	Comm. #1074994 UNITARY PUBLIC CALIFORNIA O ALAMEDA COUNTY Comm. Exp. Oct. 15, 1999
Signature Lipsoln Smell	_(Seal)
Date: 8-14-98	Kywy Joon Han
STATE OF	
COUNTY OF	
On, before me,	(here insert name and title
of satisfactory evidence) to be the person(s) was acknowledged to me that he/she/they executed	In Han, personally known to me (or proved to me on the basis phose name(s) is/are subscribed to the within insurument and the same in his/her/their authorized capacity(ies), and that by e person(s), or the entity upon behalf of which the person(s)
WITNESS my hand and official seal.	
Signature	_(Seal)

D	873-98	
Date:		

Jack Zezhong Peng

STATE OF

CA

COUNTY OF

Smita Ulara

On My 1 /3 /6/1, before me, Lynn M Denvett, John (here insert name and title of the officer), personally appeared Jack Zezhong Peng, 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, execute the instrument.

WITNESS my hand and official seal.

RECORDED: 05/28/1999

Signature

(Seal)

Lynne M. Bennett
Comm. #1074994
BENNOTARY PUBLIC CALIFORNIA
ALAMEDA COUNTY
Comm. Exp. Oct. 15, 1999