FORM PTO-1595 RECORDATION FORM OMB No. 0651-0011 (exp. 4/94) PATENTS ON



CE (Rev. 6-93) Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): **Dallas Semiconductor Corporation** Edward Tang Kwai Ma Wendell L. Little Stephen N. Grider Street Address: 4401 South Beltwood Parkway Additional name(s) of conveying party(ies) Dallas, Texas 75244 attached? _ Yes X No Additional name(s) & address(es) attached? Yes X No 3. Nature of conveyance: X Assignment _ Merger _ Security Agreement _ Change of Name __ Other Execution Date 10/30/2001, 12/19/2001 and 11/5/2001, respectively 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: November 12, 2003 Patent Application No.(s) B. Issued Patent No.(s) 09/932,247 filed 8/16/2001 Additional numbers attached? _ Yes X No Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: One (1) Total fee (37 C.F.R. 3.41):.... 7. Enclosed Steven R. Greenfield, Esq. X Authorized to be charged to deposit account Jenkens & Gilchrist, P.C. 1445 Ross Avenue, Suite 3200 Deposit account number: Dallas, Texas 75202-2799 10-0447 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Steven R. Greenfield Signature (Reg.No/38,166)

Datal number of pages including cover sheet, attachments, and document: Name of Person Signing

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PATENT REEL: 015258 FRAME: 0455

Docket No.20661-00787

ASSIGNMENT

WHEREAS, We, Wendell L. Little, Edward Tang Kwai Ma and Stephen N. Grider have

invented certain new and useful improvements in the following "ENCRYPTION-BASED

SECURITY PROTECTION FOR PROCESSORS" for which we have made application for

United States Letters Patent, and;

WHEREAS, Dallas Semiconductor Corporation, a corporation organized and existing under

the laws of Delaware, having its principal place of business at 4401 S. Beltwood Parkway, Dallas,

TX 75244-3292 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right,

title and interest in and to the invention, and in and to the said application and any Letters Patent that

may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and

valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby

sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire

right, title and interest in and to said invention and in and to said applications and all patents which

may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-

part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and

Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our

interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal

representatives the full and exclusive rights, title and interest to the invention disclosed in said

applications throughout the world, including the right to file applications and obtain patents, utility

models, industrial models and designs for said invention in its own name throughout the world

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PATENT

REEL: 015258 FRAME: 0456

including all rights of priority, all rights to publish cautionary notices reserving ownership of said

invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such

rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors,

assigns and legal representatives, any facts known to me respecting any improvements; and, at the

expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all

divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful

oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said

ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection

for said invention in all countries.

We further authorize and direct our attorneys to insert below* the serial number and filing

date of said application now identified as Case Docket No. 20661-00787 as soon as the same shall

have been made known to them by the United States Patent Office.

*Serial Number: 09/932,247

Filing Date: August 16, 2001

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REEL: 015258 FRAME: 0457

IN WITNESS W	HEREOF, I have hereunto set my hand and seal this 30 day of
October,	2001.
	Edu / She
	Name: Edward Tang-Kwai Ma Address: 4133 Warminster Drive
	Plano, TX 75093
State of Texas County of Dallas	§
County of <u>Dallas</u>	§ SS.:
and for the State and Cou to be the person of the	day of October, 2001, before me, a Notary Public in inty aforesaid, personally appeared Edward Tang Kwai Ma, known by me above name who signed and sealed the foregoing instrument, and to be his own free act and deed.
	Eun Streetman

ERIN STREETMAN Notary Public, State of Texas My Commission Expires 01-15-03

Notary Public

My Commission Expires:

01/15/03

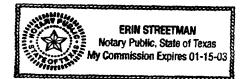
NOUGMORES,	2001.
	AAA N MD
	Name: Stephen N. Grider
	Address: 560 Orchid Hill Lane

Argyle, Texas 76226

On this 5th day of November, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared Stephen N. Grider, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Notary Public

My Commission Expires: 01/15/03



Docket No.20661-00787

ASSIGNMENT

WHEREAS, I, Ann Little, as Personal Representative of the Estate of Wendell L. Little, who

is a co-inventor of certain new and useful improvements in the following "ENCRYPTION-BASED

SECURITY PROTECTION FOR PROCESSORS" for which an application for United States

Letters Patent has been made, and;

WHEREAS, Dallas Semiconductor Corporation, a corporation organized and existing under

the laws of the State of Delaware, having its principal place of business at 4401 S. Beltwood

Parkway, Dallas, TX 75244-3292 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring

our entire right, title and interest in and to the invention, and in and to the said application and any

Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and

valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as Personal

Representative, do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and

legal representatives my entire right, title and interest in and to said invention and in and to said

applications and all patents which may be granted therefore, and all divisions, reissues, substitutions,

continuations, continuation-in-part and extensions thereof; and I hereby authorize and request the

Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting

therefrom, insofar as my interest is concerned, to the said ASSIGNEE of our entire right, title and

interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal

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representatives the full and exclusive rights, title and interest to the invention disclosed in said

applications throughout the world, including the right to file applications and obtain patents, utility

models, industrial models and designs for said invention in its own name throughout the world

including all rights of priority, all rights to publish cautionary notices reserving ownership of said

invention and all rights to register said invention in appropriate registries; and

I further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such

rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives without

additional compensation.

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I hereby further agree that I will communicate to said ASSIGNEE, or its successors, assigns

and legal representatives, any facts known to me respecting any improvements; and, at the expense

of said ASSIGNEE, to testify in any legal proceedings. I further agree to sign all lawful papers,

execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make

all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said

ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection

for said invention in all countries without additional compensation.

I hereby grant the firm of Jenkens & Gilchrist of 1445 Ross Avenue Suite 3200, Dallas,

Texas, 75202 or its agents the power to insert on this assignment any further identification,

including but not limited to application number(s) and filing dates, which may be necessary or

desirable in order to comply with any rule or request of the United States Patent and Trademark

office for the purposes of recording this document.

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REEL: 015258 FRAME: 0461

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 19 day of

December, 2001.

Name:

Ann Little, Personal Representative of the Estate of

Wendell L. Little

Address: 3251 Lake Sharon Drive

Corinth, TX 76205

PATENT REEL: 015258 FRAME: 0462

RECORDED: 04/26/2004