

MRD 8.2.00

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

08-16-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT



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TO: The Director of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

09/081293

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Execution Date
Month Day Year

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Month Day Year

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

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City State/Country Zip Code

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PATENT

REEL: 010991 FRAME: 0064

Correspondent Name and Address

Area Code and Telephone Number

202-659-1915

Name

Steven M. Rabin

Address (line 1)

Rabin & Champagne, P.C.

Address (line 2)

1101 14th Street N.W.

Address (line 3)

Washington

D.C.

20005

City

State/Country

Zip Code

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

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2

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number (s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

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Number of Properties

Enter the total number of properties involved. #

1

Fee Amount

Fee Amount for Properties Listed (37 C.F.R. 3.41):

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Authorization to charge additional fees: Yes No

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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. Charges to deposit account are authorized, as indicated herein.

Steven M. Rabin
Name of Person Signing

Steven M. Rabin
Signature

August 2, 2000
Date

PATENT

REEL: 010991 FRAME: 0065

RECORDATION FORM COVER SHEET

FORM PTO-1619C
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**CONTINUATION
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

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Name (line 1)

LIN, Jyh-Fong

Execution Date
Month Day Year

Name (line 2)

07072000

Name (line 1)

LIN, Yu-Wei

Execution Date
Month Day Year

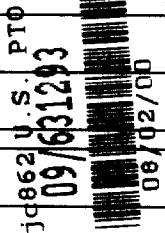
Name (line 2)

07072000

Name (line 1)

Execution Date
Month Day Year

Name (line 2)



Receiving Party(ies)

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City State/Country Zip Code

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Address (line 1)

Address (line 2)

Address (line 3)

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City State/Country Zip Code

Application Number (s) or Patent Number (s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number (s)

Patent Number(s)

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 1 of 2

WHEREAS Kuo-Ping Liu, Jiin Lai, Jyh-fong Lin and Yu-Wei Lin hereinafter referred to collectively as the assignor, has invented a certain improvement relating to "CLOCK GENERATING APPARATUS AND METHOD THEREOF" the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office; said application having been filed in the United States Patent and Trademark Office on authorization being hereby given to my attorneys, Steven M. Rabin, Thomas M. Champagne, Robert H. Berdo, Jr., and David S. Lee of RABIN & CHAMPAGNE, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005., to insert here in parentheses (Application Serial No.) the application serial number of said application when known. said application having been filed under the Patent Cooperation Treaty on Serial No. the United States of America being designated.

AND WHEREAS VIA TECHNOLOGIES, INC. of 8F, No. 533, Chung-Cheng Rd., Hsin-Tien, Taipei, Taiwan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this day of

ASSIGNOR:

Signature: *Kuo-Ping Liu*
Printed Name: Kuo-Ping Liu
Date: July 7, 2000

ASSIGNOR:

Signature: *Jiin Lai*
Printed Name: Jiin Lai
Date: July 7, 2000

ASSIGNOR:

Signature: *Jyh-fong Lin*
Printed Name: Jyh-fong Lin
Date: July 7, 2000

ASSIGNOR:

Signature: *Yu-Wei Lin*
Printed Name: Yu-Wei Lin
Date: July 7, 2000

WITNESS:

Signature: *Wan-Ju Wu*
Printed Name: Wan-Ju Wu
Date: July 7, 2000

RABIN & CHAMPAGNE, P.C., Washington, D.C.