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To the Honorable Commissioner of Pat.

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1. Name of conveying party(ies):

**RANDALL CHER LIANG CHA, ALEX SEE, YEOW  
KHENG LIM, TAE JONG LEE AND LAP CHAN**

2. Name and address of receiving party(ies):

Name: **Chartered Semiconductor Manufacturing  
Ltd.**

Internal Address:

Street Address:

**60 Woodlands Industrial Park D  
Street 2  
City: Singapore Zip: 738406  
Country: Singapore**

Additional name(s) or conveying party(ies) attached?  Yes  No

3. Nature of conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- other \_\_\_\_\_

*3/05/01*

Execution Date: **1/17/01**

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4. 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: 1/17, 1/19 & 2/5/01

A. Patent Application No(s)

B. Patent No(s)

*09 798652*

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **GEORGE O. SAILE**  
Internal Address: \_\_\_\_\_

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City: **POUGHKEEPSIE** State: **NY** ZIP: **12603**

6. Total no. of applications and patents involved: **1**

7. Total fee (37 CFR 3.41): **\$ 40.00**

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Name of Person Signing

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**March 1, 2001**

Date

Total number of pages comprising cover sheet:  3

J1042 U.S. PTO  
09/798652  
03/05/01

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For  Application or  U.S. Patent

By  Inventor(s) or  Present Owner

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

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**Singapore 738406**  
**Singapore**  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

*(complete one of the following)*

- the entire right, title and interest
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*(check the following box/f foreign rights are also to be assigned)*
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in and to any and all improvements which are disclosed in the invention entitled:

**Versatile Copper-Wiring Layout Design With Low-K Dielectric Integration**

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For  Application or  U.S. Patent

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### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

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**Street 2**  
**Singapore 738406**  
**Singapore**  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_%) interest for the United States and its territorial possessions  
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 and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

**Versatile Copper-Wiring Layout Design With Low-K Dielectric Integration**

and which is found in

- (a)  U.S. patent application executed on even date herewith
- (b)  U.S. patent application executed on 1/17, 1/19 & 2/5/01
- (c)  U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_
- (d)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
*(also check (e) if foreign application(s) is also being assigned)*
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and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.


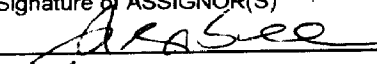

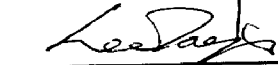
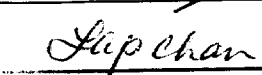
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IN WITNESS WHEREOF, I / We have signed this

\_\_\_\_\_ (Date of signing)

**WARNING** Date of signing must be the same as the date of execution of the application if item (a) was checked above.

  
 Signature of ASSIGNOR(S)  
  
  
  


If ASSIGNOR is a legal entity complete the following information

\_\_\_\_\_  
Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

\_\_\_Notarization of Legalization Page Added.