CS03-054	10066017	***************************************
To the Honorable Commissioner or F	atents and Hadellains.	5
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):
JIN PING LIU, DONG KYUN SO HSIA  Additional name(s) or conveying party(ies)	33-01	Name: Chartered Semiconductor Manufacturi Ltd.  Internal Address:
	rger nange of Name	Street Address:  60 Woodlands Industrial Park D Street 2 City: Singapore Zip: 738406 Country: Singapore
other		
Execution Date: <u>12/29/03</u>		Additional name & address attached? Yes X
5. Name and address of party to w	Additional numbers atta	ached? Yes X No / 0 /6330
		6. Total no. of applications and patents involved::
concerning document should be r Name: GEORGE O. SAILE Internal Address:	nailed:	6. Total no. of applications and patents involved::  7. Total fee (37 CFR 3.41): \$ 40.00
concerning document should be r Name: <b>GEORGE O. SAILE</b>	nailed:	
concerning document should be r Name: <b>GEORGE O. SAILE</b>	nailed:	7. Total fee (37 CFR 3.41): \$ 40.00
concerning document should be r Name: <u>GEORGE O. SAILE</u> Internal Address:	/ENUE e: NY ZIP: 12603	7. Total fee (37 CFR 3.41): \$ 40.00  Enclosed
concerning document should be r Name: GEORGE O. SAILE Internal Address:  Street Address: 28 DAVIS AV  City: POUGHKEEPSIE State  9. Statement and signature.	/ENUE  E: NY ZIP: 12603  DO NOT USI	7. Total fee (37 CFR 3.41): \$ 40.00  Enclosed  X Authorized to be charged to deposit acct.  8 .Deposit account number: 19-0033  (Attach duplicate copy of this page if paying by deposit account account number): 19-0033

PATENT REEL: 014931 FRAME: 0445

CS03-054 For	x Application or U.S. Patent			
1 01				
Ву	x Inventor(s) or Present Owner			
ASSIGNMENT OF INVENTION				
In consideration of the payment by ASSIGNEE to A receipt of which is hereby acknowledged, and for o				
ASSIGNOR:				
JIN PING LIU Type or print name of ASSIGNOR Type  Min Address  99 Cashew Road, #07-04, Singapore  Chinese  Singapore	or print name of ASSIGNOR  91, Bukit Tirnh, of-on Singapore Singapore  Maple woods  Kovern			
Nationality Natio	nality			
LIANG CHOO HSIA Type or print name of ASSIGNOR  Address  47 Woodgove, Singupor  USA  Nationality  do hereby sell, assign and transfer to  ASSIGNEE:  Chartered Semiconductor Manufacturing Ltd. 60 Woodlands Industrial Park D  Street 2 Singapore 738406 Singapore Nationality	e Singapore			
and the successors, assigns and legal representati				
(complete one of the complete one of the compl	st for the United States and its territorial possessions			
in and to any and all improvements which are disclosed in the invention entitled:				
Method Of Forming A Relaxed Semiconductor Buffer Layer On A Substrate With A Large Lattice				

For X U.S. and/or X Foreign Rights

PATENT REEL: 014931 FRAME: 0446

(a)	U.S. patent application executed on even date	
(b)	U.S. patent application executed on 12 29	03, 1 5 /04
(c)	U.S. application serial no.	filed on
(d) _	U.S. patent no.	
		n application(s) is also being assigned)
(e) _	$\mathbf{x}$ and any legal equivalent thereof in a foreign	country, including the right to clam priority
	ation, division, renewal, or substitute, thereof, and	said invention by the above application or any as to letters patent any re-issue or re-examination
	SSIGNOR hereby covenants that no assignment, le or entered into which would conflict with this a	sale, agreement or encumbrance has been or will ssignment.
pertine may be or proc any and applica	nt facts and documents relating to said invention e known and accessible to ASSIGNOR and will to eeding related thereto and will promptly execute and d all papers, instruments or affidavits required to a	II, upon its request, be provided promptly with all and said Letters Patent and legal equivalents as estify as to the same in any interference, litigation and deliver to ASSIGNEE or its legal representatives apply for, obtain, maintain, issue and enforce said said equivalents thereof which may be necessary
IN MI	NESS WHEREOF, I / We have signed this	
	(Date of s ING Date of signing must be the same as the date of execu	= =:
***	The Date of Signing must be the Same as the date of execu-	and of the application in term (a) was checked above.
		gokus
		Signature of ASSIGNOR(S)
		Lich Her
If ASSI	GNOR is a legal entity complete the following inform	ation
		Type or print the name of the above person authorized to sign on
		behalf of ASSIGNOR
		Title
N	ote: No witnessing, notarization or legalization is necessary, if the assignm	nent is notarized or legalized then it will only be prima facie evidence (35 USC
2	51). Use next page if notarization is desired.	
		Notarization of Legalization Page Added.

and which is found in

**RECORDED: 01/23/2004** 

PATENT REEL: 014931 FRAME: 0447