

PATENT ASSIGNMENT

Electronic Version v08
 Stylesheet Version v02

SUBMISSION TYPE:		NEW ASSIGNMENT	APPLICATION NUMBER 11/163349			
NATURE OF CONVEYANCE:		ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA						
Name		Execution Date				
Indrajit Manna		2005-09-30				
Hin Kiong Yap		2005-09-30				
Keng Foo Lo		2005-08-11				
Jae Soo Park		2005-09-30				
RECEIVING PARTY DATA						
Name	Street Address	Internal Address	City	State/Country	Postal Code	
Chartered Semiconductor Manufacturing Ltd.	60 Woodlands Industrial Park D Street 2		Singapore	SINGAPORE	738406	
CORRESPONDENCE DATA						
FAX NUMBER: 4087380881						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>						
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.						
CUSTOMER NUMBER: 022898						
NAME OF PERSON SIGNING:		Mikio Ishimaru				
DATE SIGNED:		2005-10-15				
Total Attachments: 4 source=1016-054assign1a.tif source=1016-054assign2a.tif source=1016-054assign3a.tif source=1016-054assign4a.tif						

OP \$40.00 11163349

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

TUNABLE PROTECTION SYSTEM FOR INTEGRATED CIRCUITS


for which a United States patent application has been executed on or before the date of this assignment.


WHEREAS, CHARTERED SEMICONDUCTOR MANUFACTURING LTD., a Corporation of the Republic of Singapore, having a place of business at 60 Woodlands Industrial Park D, Street 2, Singapore 738406, Singapore (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

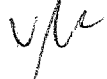

1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.


IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

Indrajit Manna
 Indrajit Manna

 Witness Signature
TIMOTHY LING
 Print Witness Name
30 SEPTEMBER 2005
 Date

30/9/2005
 Date

 Witness Signature
NG WIEN TA
 Print Witness Name
30/9/05
 Date

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.


 Hin Kiong Yap

 Witness Signature
TIMOTHY LING
 Print Witness Name
30 SEPTEMBER 2005
 Date

30/9/2005
 Date

 Witness Signature
NG WIEN TA
 Print Witness Name
30/9/05
 Date

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

 Keng Foo Lo

 Witness Signature

 Print Witness Name

 Date

 Date

 Witness Signature

 Print Witness Name

 Date




IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

_____	_____
Indrajit Manna	Date
_____	_____
Witness Signature	Witness Signature
_____	_____
Print Witness Name	Print Witness Name
_____	_____
Date	Date

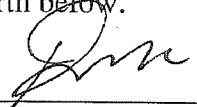
IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

_____	_____
Hin Kiong Yap	Date
_____	_____
Witness Signature	Witness Signature
_____	_____
Print Witness Name	Print Witness Name
_____	_____
Date	Date

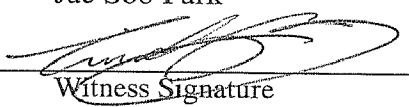
IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

	11/08/05
_____	_____
Keng Foo Lo	Date
	
_____	_____
Witness Signature	Witness Signature
Alicia Wong	Jamie Teh
_____	_____
Print Witness Name	Print Witness Name
11/8/05	11/8/05
_____	_____
Date	Date

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.



 Jae Soo Park



 Witness Signature

 TIMOTHY LING


 Print Witness Name

 30 SEPTEMBER 2005

 Date

29-Sep-05

 Date



 Witness Signature

 NG WIEA TA

 Print Witness Name

 30/9/05

 Date