FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94 <b>) (IV)</b>	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
ab settings ⇒ ⇒ ▼ 11/29/49 1012	13234
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
<ol> <li>Name of conveying party(ies):</li> </ol>	Name and address of receiving party(ies):
Yang PAN	Name: CHARTERED SEMICONDUCTOR MANUFACTURING LTD.
	Internal Address:
	Internal Address.
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance:	
🛛 Assignment 🔲 Merger	Street Address: 60 Woodlands Industrial Park
Security Agreement Change of Name	Street 2
Other	City: Singapore State: ZIP: 738406
Execution Date: November 22, 1999	Additional name(s) & address(es) attached?
A. Patent Application No.(s)  Additional numbers atta	B. Patent No.(s)  Ched? ☐ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Mileia Jahimam	,
Name Mikio Ishimaru	7. Total fee (37 CFR 3.41)ss 40.00
Internal Address:	☐ Enclosed
	<u> </u>
	X Authorized to be charged to deposit account
Street Address: 1046 Pinenut Court	8. Deposit account number:
0.4007	50-0374
City: Sunnyvale State: CA ZIP: 94087	(Attach duplicate copy of this page if paying by deposit account)
DO NOT	USE THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform the original document.	ation is true and correct and any attached copy is a true copy of
Mikio Ishimaru M	Signature November 29, 1999  Date
7,2,000	Signature Date over sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

12/06/1999 DNGUYEN 00000348 500374

1 |

09450925

40.00 CH 01 FC:581

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

**PATENT** 

**REEL: 010413 FRAME: 0501** 

## ASSIGNMENT

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

## "CYLINDRICAL SEMICONDUCTOR CAPACITOR AND MANUFACTURING METHOD THEREFOR"

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, (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.

Yang Pan

**RECORDED: 11/29/1999** 

Khong Pai Pai

Print Witness Name

NOV, 22nd, 1999 Date

23.1 Nov 1999

Date

1 of 1

**PATENT** REEL: 010413 FRAME: 0502