

RECORDATION OF ASSIGNMENT OF PATENTS

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04-07-2004



Attn: Assignment Branch - Patents

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17497 U.S. PTO
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Sir:

It is requested that the Assignment Branch record the properties listed below.

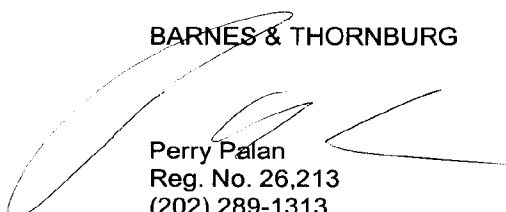
10813394

1. CONVEYING PARTY: Shyng Duan Chen
2. RECEIVING PARTY: Intersil Americas Inc.
675 Trade Zone Boulevard, Milpitas, California 95035
3. INTEREST CONVEYED: Assignment
- EXECUTION DATE: March 31, 2004
4. PROPERTY(IES): New Application attached hereto
[Serial #(s), Patent #(s) New Application attached hereto (if Serial #s not given)]
5. CORRESPONDENCE ADDRESS: Barnes & Thornburg
750 17th Street, N.W., Suite 900
Washington, D.C. 20006
(202) 289-1313
6. FEE CALCULATION: 1 x \$40 = \$40.00
7. A check in the amount of \$ 40.00 made payable to the Director of the U.S. Patent & Trademark Office is attached hereto.
8. Should there be any over- or under-payment, authorization to apply or charge the Deposit Account of Barnes & Thornburg, No. 02-1010 (33851/41978) therefore is hereby granted.
9. The undersigned states that to the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted herewith is a true copy of the original document.

Total number of pages including cover sheet, attachments and documents: 2

Respectfully submitted,

BARNES & THORNBURG


Perry Palan
Reg. No. 26,213
(202) 289-1313

Date

04/06/2004 LMUELLER 00000184 10813394

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**ASSIGNMENT
WORLD WIDE PATENT RIGHTS**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Intersil Americas Inc. (hereinafter called ASSIGNEE), a Delaware corporation of 675 Trade Zone Boulevard, Milpitas, California 95035, its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America and all foreign countries, in and to the invention entitled:

PROGRAMMABLE BANDWIDTH AND FREQUENCY SLEWING FOR PHASE-LOCK LOOP

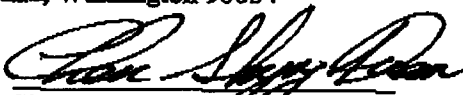
the specification of which is filed herein and was invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, and all United States Letters Patent which may be granted therefor, and all divisions, continuations, and extensions thereof, the said interest being the entire ownership of the said Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said ASSIGNEE;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE.

INVENTOR:	Shyng Duan Chen
Citizenship:	US
Post Office Address/ Residence:	12813 102 nd Avenue NE Kirkland, Washington 98034

Mar/31/2004
(Date)


Signature of Inventor