

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Sandeep Agarwal	01/25/2005
Xiaole Chen	01/25/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Intersil Americas Inc.
<b>Street Address:</b>	675 Trade Zone Boulevard
<b>City:</b>	Milpitas
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11045929
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)576-0300
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	415-576-0200
<b>Email:</b>	ack@townsend.com
<b>Correspondent Name:</b>	J. Matthew Zigmant
<b>Address Line 1:</b>	Townsend and Townsend and Crew LLP
<b>Address Line 2:</b>	Two Embarcadero Center, 8th Floor
<b>Address Line 4:</b>	San Francisco, CALIFORNIA 94109
<b>NAME OF SUBMITTER:</b>	Anna C. Kundel
<b>Total Attachments: 1</b>	
source=Assignment 021365-000310US#page1.tif	

CH 11045929 \$40.00

500032368

**PATENT**  
**REEL: 016041 FRAME: 0309**

Attorney Docket No.: 021365-000310US

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Sandeep Agarwal of 40404 LaJolla Court, Fremont, CA 94539; and Dr. Xiaole Chen of 7336 Alexis Manor Place, San Jose, CA 95120, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PHASE ERROR CORRECTION CIRCUIT FOR A HIGH SPEED FREQUENCY SYNTHESIZER

Date(s) of execution of Declaration: 01/25/2005

Filing Date: 01/28/2005

Application No.: 11/045,929 ; and

WHEREAS, Intersil Americas Inc., a corporation of the state of Delaware, located at 675 Trade Zone Boulevard, Milpitas, CA 95035, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;


For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 1/25/05

  
Sandeep Agarwal

Dated: 1/25/2005

  
Xiaole Chen