

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gopal Santhanam	03/30/2009
Etai Bruhis	03/30/2009
Kumaran Santhanam	03/26/2009
RECEIVING PARTY DATA	
Name:	Total Phase, Inc.
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City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94085
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12416107
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NAME OF SUBMITTER:	Jenny Wu
Total Attachments: 2 source=TPI-05_Assignment_final#page1.tif source=TPI-05_Assignment_final#page2.tif	

OP \$40.00 12416107

ASSIGNMENT

I, as a below-named inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to:

Total Phase, Inc.

a California Corporation (hereinafter referred to as Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by **Gopal Santhanam, Etai Bruhis, and Kumaran Santhanam**, and disclosed and/or claimed in an application for Letters Patent of the United States of America Serial No. **12/416,107** filed **March 31, 2009**, entitled:

Methods for Analyzing USB Data Traffic Using a Single USB Host Controller

and signed by me

- On the date set forth below;
- On the **DATE_OF_SIGNING_DECLARATION**;

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States, and in countries foreign to the United States, issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of VENTURE PACIFIC LAW, PC to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

File No.: TPI-05

In Testimony Whereof, I hereunto set my hand:

SIGNATURES

Inventor's Signature: Gopal Santhanam Date: 3/30/2009

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Inventor's Signature: Kumaran Santhanam Date: 3/24/2009

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