

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Shishir Birmiwal</td><td>07/31/2007</td></tr><tr><td>Bhavani Gopalakrishna Rao</td><td>07/31/2007</td></tr></tbody></table>	Name	Execution Date	Shishir Birmiwal	07/31/2007	Bhavani Gopalakrishna Rao	07/31/2007					
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Shishir Birmiwal	07/31/2007										
Bhavani Gopalakrishna Rao	07/31/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>ITTIAM SYSTEMS (P) LTD</td></tr><tr><td>Street Address:</td><td>ANCHORAGE II, 100/2, RICHMOND ROAD</td></tr><tr><td>City:</td><td>BANGALORE</td></tr><tr><td>State/Country:</td><td>INDIA</td></tr><tr><td>Postal Code:</td><td>560025</td></tr></table>	Name:	ITTIAM SYSTEMS (P) LTD	Street Address:	ANCHORAGE II, 100/2, RICHMOND ROAD	City:	BANGALORE	State/Country:	INDIA	Postal Code:	560025	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11834010</td></tr></tbody></table>	Property Type	Number	Application Number:	11834010							
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Application Number:	11834010										
CORRESPONDENCE DATA											
Fax Number: (603)888-7274 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	1864.036US1										
NAME OF SUBMITTER:	Prakash Nama										
Total Attachments: 2 source=1864-036US1-Assignment#page1.tif source=1864-036US1-Assignment#page2.tif											

OP \$40.00 11834010

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PATENT  
REEL: 019647 FRAME: 0598

### ASSIGNMENT

WHEREAS, I/we, **Shishir Birmiwai**, residing at Apt 21, Swamy Enclave, House #9, 1<sup>st</sup> Main, 1<sup>st</sup> Block, Koramangala, Bangalore 560034, India and **Bhavani Gopalakrishna Rao** residing at #16, 3<sup>rd</sup> cross, 3<sup>rd</sup> Main, Nagappa Reddy Layout, Kaggadasapura, C V Raman Nagar PO, Bangalore -- 560093, India made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled

#### TIME-OFFSET REGULATED METHOD AND SYSTEM FOR SYNCHRONIZATION AND RATE CONTROL OF MEDIA

WHEREAS, I/we hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at Global IP Services PLLC, to insert here in parentheses (Ser. No. \_\_\_\_\_; Filing Date: \_\_\_\_\_) the filing date and application number of said application when known.

AND WHEREAS, **ITTAM SYSTEMS (P) Ltd**, a corporation organized and existing under and by virtue of the laws of the State of, and having an office and place of business at Anchorage II, 100/2, Richmond Road, Bangalore 560025, India (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

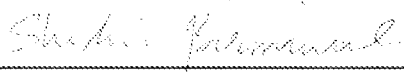
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I/we do hereby authorize and request the Commissioner of

Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

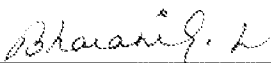
AND, for the consideration aforesaid, I/we do hereby agree that I/we and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me/us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31<sup>st</sup> day of JULY, 2007.

  
\_\_\_\_\_  
**Shishir Birmiwala**

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21<sup>st</sup> day of July, 2007.

  
\_\_\_\_\_  
**Bhavani Gopalakrishna Rao**