

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	11/17/2010	
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	Name	Execution Date
	PRASHANT JAIN	11/17/2010
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Total Attachments: 1		
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ASSIGNMENT

Whereas, I, **Prashant Jain**, a citizen of India, along with **Eric S. Olson**, a citizen of the United States of America, **Anand P. Narayan**, a citizen of India, and **John K. Thomas**, a citizen of the United States of America, have invented certain new and useful improvements in **METHOD AND APPARATUS FOR INTERFERENCE SUPPRESSION WITH EFFICIENT MATRIX INVERSION IN A DS-CDMA SYSTEM** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **November 17, 2010**, Application No. **12/948,749**, now U.S. Patent Number **8,121,177**, issued **February 21, 2012** (hereafter "Application");

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto **Rambus Inc.**, 1050 Enterprise Way, Suite 700, Sunnyvale, CA 94089, USA ("the Assignee"), its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application (including all applications to which the Application claims priority) and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, effective **November 17, 2010** ("Effective Date"); and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I do hereby sell, assign, transfer, and convey to Assignee, its successors, legal representatives, and assigns any claims for damages and all remedies arising out of any violation of the rights assigned hereby that I may have that may have accrued prior to the Effective Date of assignment to Assignee, or may accrue thereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.


Prashant Jain

02/12/2014
Date