

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Arun Natarajan	11/22/2005
Abbas Komijani	11/22/2005
Seyed Ali Hajimiri	11/22/2005
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11241875
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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Arun Natarajan of 210 S. Mentor Ave., #7, Pasadena, CA 91106; Abbas Komijani of 3200 S. Barrington, Apt. B, Los Angeles, CA 90066 and Seyed Ali Hajimiri of 425 San Palo Place, Pasadena, CA 91107, 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: MULTI-ELEMENT PHASED ARRAY TRANSMITTER
WITH LO PHASE SHIFTING AND INTEGRATED POWER
AMPLIFIER

Filing Date: September 29, 2005

Application No.: 11/241,875; and

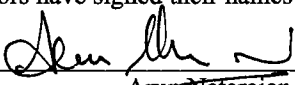
WHEREAS, California Institute of Technology, a corporation of the state of California, located at 1200 East California Blvd., Pasadena, CA 91125, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations 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.

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

Dated: Nov 22, 2005


Arun Natarajan

Dated: Nov 22, 2005


Abbas Komijani

Dated: Nov 22, 2005


Seyed Ali Hajimiri

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