PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David O. Caplan	10/15/2009
Mark L. Stevens	10/15/2009

RECEIVING PARTY DATA

Name:	Massachusetts Institute of Technology	
Street Address:	77 Massachusetts Avenue	
City:	Cambridge	
State/Country:	MASSACHUSETTS	
Postal Code: 02139		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12532560	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0050.2109-003

NAME OF SUBMITTER: Christine Budd

Total Attachments: 3

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PATENT REEL: 023410 FRAME: 0952

Joint

<u>ASSIGNMENT</u>

impro	WHEREAS, we, David O. Caplan and Mark L. Stevens , have invented a certain mprovement in Filter-Based DPSK Receiver described in an application for Patent,			
		the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);		
		is about to be filed in the United States Patent Office as a Provisional Application;		
		the specification of which is United States Application No. [], filed [];		
		the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2008/003844, filed March 24, 2008, which designates the United States of America and is assigned United States Application No. 12/532,560;		
		which was patented under United States Patent No. [].		
	WHEREAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a			

WHEREAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

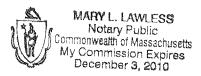
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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

	/5			
Inventor's Signature:	id O. Gel			
David O. Caplan				
State/Commonwealth of Massachusetts County of Middlesex				
On this day of oto public, personally appeared David O. Cap	bet 2009, before me, the undersigned notary blan,			
personally known to me, or				
proved to me through satisfactory of WORK badge	evidence of identification, which was			
· · · · · · · · · · · · · · · · · · ·	on the foregoing instrument in my presence, and going instrument as his/her free act and deed.			
(SEAL)	Notary Public / ary L. Law (ESS (print name)			
	My Commission expires 12/03/2010			



Inventor's Signature: Mark J	then	
Mark L. Stevens		
State/Commonwealth of Massachusetts County of Middlesex		
On this		
personally known to me, or		
proved to me through satisfactory evid	ence of identification, which was	
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.		
\mathcal{L}	Vary Lawless (print name)	
N	My Commission expires 12 103 12010	

MARY L. LAWLESS
Notary Public
Commonwealth of Massachusetts
My Commission Expires
December 3, 2010

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