

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
David O. Caplan	10/15/2009
Mark L. Stevens	10/15/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12532560
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(978)341-0136
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	978-341-0036
Email:	christine.budd@hbsr.com
Correspondent Name:	Mark B. Solomon, Esq.
Address Line 1:	530 Virginia Road, P.O. Box 9133
Address Line 2:	Hamilton, Brook, Smith & Reynolds, P.C.
Address Line 4:	Concord, MASSACHUSETTS 01742-9133
ATTORNEY DOCKET NUMBER:	0050.2109-003
NAME OF SUBMITTER:	Christine Budd
Total Attachments: 3 source=00502109003Assignment#page1.tif source=00502109003Assignment#page2.tif	

CH \$40.00 12532560

**500995409**

**PATENT**  
**REEL: 023410 FRAME: 0951**



Joint

ASSIGNMENT

WHEREAS, we, **David O. Caplan and Mark L. Stevens**, have invented a certain improvement 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 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;

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.

Inventor's Signature: \_\_\_\_\_

David O. Caplan  
David O. Caplan

State/Commonwealth  
of Massachusetts  
County of Middlesex

On this 15<sup>th</sup> day of October 2009, before me, the undersigned notary public, personally appeared **David O. Caplan**,

- ☐ personally known to me, or  
☒ proved to me through satisfactory evidence of identification, which was

work badge

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.

(SEAL)

Notary Public Mary L. Lawless

Mary L. Lawless (print name)

My Commission expires 12/03/2010



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

Inventor's Signature: \_\_\_\_\_

Mark L. Stevens

State/Commonwealth

of Massachusetts

County of Middlesex

On this 15<sup>th</sup> day of October 2009, before me, the undersigned notary public, personally appeared **Mark L. Stevens**,

☐ personally known to me, or

☒ proved to me through satisfactory evidence of identification, which was

driver's license

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.

(SEAL)

Notary Public

Mary L. Lawless

(print name)

My Commission expires 12/03/2010



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