

FORM PTO-1335 (Modified)  
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RE

08-08-2005

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103056959

Tab settings → → → ↓

8-29-05

To the Director of the United States Patent and Trademark Office: Please record and index attached original documents or copy thereof.

1. Name of conveying party(ies):

FM Bay  
Daniel J. Heil

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):

Name: LOCKHEED MARTIN CORPORATION

Address: 6801 Rockledge Drive

11321 U.S. PTO  
11/194033  
072905

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 07/25/05 and 07/28/05

City: Bethesda State/Prov.: MD

Country: USA ZIP: 20817

Additional name(s) & address(es)  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: July 29, 2005

Patent Application No. Filing date B. Patent No.(s)

Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert B. Berube

Registration No. 39,608

Address: Marsh Fischmann & Breyfogle LLP

08/05/2005 6TDM11 00000135 11194033

01 FC:8021

40.00 OP

City: Aurora State/Prov.: CO

Country: USA ZIP: 80014

6. Total number of applications and patents involved: 01

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-1419

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert B. Berube

Name of Person Signing

Robert B. Berube

Signature

July 29, 2005

Date

Total number of pages including cover sheet, attachments, and document:

05

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT  
REEL: 016815 FRAME: 0939

**ASSIGNMENT  
& APPOINTMENT OF COMMON REPRESENTATIVE**

WHEREAS, we, **FM BAY** of 1072 Firth Ct., Sunnyvale, CA 94087 and **DANIEL J. HEIL** of 14579 S. Bascom Ave., Los Gatos, CA 95032 have invented a certain new and useful invention entitled "OVERLAYING DIGITAL SIGNALS ON ANALOG WIRELESS COMMUNICATION SIGNALS", for which a patent application has been prepared for filing with the United States Patent & Trademark Office, said application being identified as Attorney File No. 45658-00017;

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **LOCKHEED MARTIN CORPORATION**, a Maryland corporation having a place of business at 6801 Rockledge Drive, Bethesda, Maryland 20817, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than **LOCKHEED MARTIN CORPORATION**; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than **LOCKHEED MARTIN CORPORATION**; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **LOCKHEED MARTIN CORPORATION**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

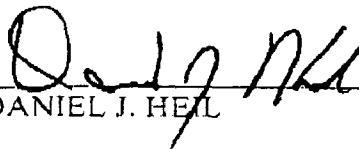
Furthermore, we together and each individually hereby irrevocably appoint **LOCKHEED MARTIN CORPORATION**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: \_\_\_\_\_

By: \_\_\_\_\_  
FM BAY

Date: 7-28-85

By:   
DANIEL J. HEIL

STATE OF California )  
 ) ss.  
COUNTY OF Santa Clara )

Before me, a Notary Public in and for said County and State, personally appeared **FM BAY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

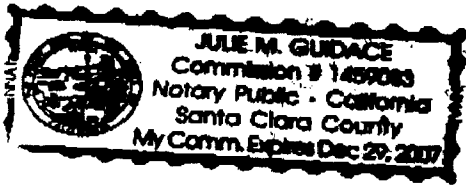
Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

STATE OF California )  
 ) ss.  
COUNTY OF Santa Clara )

Before me, a Notary Public in and for said County and State, personally appeared **DANIEL J. HEIL**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 28 day of July, 2005.



Julie M. Guidace  
Notary Public  
My Commission Expires: 12-29-07

**ASSIGNMENT  
& APPOINTMENT OF COMMON REPRESENTATIVE**

WHEREAS, we, **FM BAY** of 1072 Firth Ct., Sunnyvale, CA 94087 and **DANIEL J. HEIL** of 14579 S. Bascom Ave., Los Gatos, CA 95032 have invented a certain new and useful invention entitled "OVERLAYING DIGITAL SIGNALS ON ANALOG WIRELESS COMMUNICATION SIGNALS", for which a patent application has been prepared for filing with the United States Patent & Trademark Office, said application being identified as Attorney File No. 45658-00017;

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **LOCKHEED MARTIN CORPORATION**, a Maryland corporation having a place of business at 6801 Rockledge Drive, Bethesda, Maryland 20817, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than **LOCKHEED MARTIN CORPORATION**; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than **LOCKHEED MARTIN CORPORATION**; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **LOCKHEED MARTIN CORPORATION**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we together and each individually hereby irrevocably appoint **LOCKHEED MARTIN CORPORATION**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: 7-25-2005

By: \_\_\_\_\_

**FM BAY**

Date: 7-22-05

By: \_\_\_\_\_

**DANIEL J. HEIL**

STATE OF Maryland )  
 ) ss. 042605457.  
COUNTY OF Montgomery )

Before me, a Notary Public in and for said County and State, personally appeared **FM BAY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 25 day of July, 2005.

Suzanne N. Shinnick (Witness for Fred Bay only)  
Notary Public  
My Commission Expires:

SUZANNE N. SHINNICK  
Notary Public, Montgomery County, Maryland  
My Commission Expires November 1, 2008

STATE OF )  
 ) ss.  
COUNTY OF )

Before me, a Notary Public in and for said County and State, personally appeared **DANIEL J. HEIL**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
Notary Public  
My Commission Expires: