

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Alberto Valdes Garcia	12/26/2006
Chinmaya Mishra	12/26/2006
Scott Kevin Reynolds	12/22/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Business Machines Corporation
<b>Street Address:</b>	P.O. Box 218
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11622812
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NAME OF SUBMITTER:	James J. Bitetto

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Total Attachments: 3  
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## Assignment

Whereas, I/we

INVENTOR AND CITY	(1) <b>Alberto Valdes Garcia</b> County of <b>Westchester</b>	of <b>White Plains</b> and State of <b>New York</b>
INVENTOR AND CITY	(2) <b>Chinmaya Mishra</b> County of <b>Brazos</b>	of <b>College Station</b> and State of <b>Texas</b>
INVENTOR AND CITY	(3) <b>Scott Kevin Reynolds</b> County of <b>Westchester</b>	of <b>Amawalk</b> and State of <b>New York</b>

have invented certain improvements in

**TITLE        DRAIN-PUMPED SUB-HARMONIC MIXER FOR MILLIMETER WAVE  
APPLICATIONS**

**DATES THAT**        and executed, respectively, a United States patent application  
**INVENTORS**        therefor on (1) *12/26*        , 2006; (2) **Dec. 26**        , 2006;  
**SIGNED THE**  
**DECLARATION**        (3) *27 Dec*        , 2006; and (4)        , 2006.

Whereas, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND (1) at \_\_\_\_\_

DATE on 2006,

SIGNATURE \_\_\_\_\_  
(Alberto Valdes Garcia) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (2) at COLLEGE STATION \_\_\_\_\_

DATE on 12/26/2006,

SIGNATURE Chinmaya Mishra  
(Chinmaya Mishra ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at \_\_\_\_\_

DATE on 2006,

SIGNATURE \_\_\_\_\_  
(Scott Kevin Reynolds) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND (1) at Yorktown Heights, NY  
DATE on 12/26 2006,  
SIGNATURE [Signature]  
(Alberto Valdes-Garcia) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (2) at \_\_\_\_\_  
DATE on \_\_\_\_\_ 2006,  
SIGNATURE \_\_\_\_\_  
(Chinmaya Mishra ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at Yorktown Heights NY  
DATE on 22 Dec 2006,  
SIGNATURE [Signature]  
(Scott Kevin Reynolds) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME