

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Monty W. Bai</td> <td>01/28/2000</td> </tr> <tr> <td>Keith A. Kingston</td> <td>01/28/2000</td> </tr> <tr> <td>Hugh R. Malone</td> <td>01/28/2000</td> </tr> <tr> <td>John G. Doggett Jr.</td> <td>01/28/2000</td> </tr> <tr> <td>Ronald P. Vidano</td> <td>01/28/2000</td> </tr> <tr> <td>Earl R. Yingling</td> <td>01/28/2000</td> </tr> </tbody> </table>		Name	Execution Date	Monty W. Bai	01/28/2000	Keith A. Kingston	01/28/2000	Hugh R. Malone	01/28/2000	John G. Doggett Jr.	01/28/2000	Ronald P. Vidano	01/28/2000	Earl R. Yingling	01/28/2000
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Earl R. Yingling	01/28/2000														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Motorola, Inc.														
<b>Street Address:</b>	1303 E. Algonquin Road														
<b>Internal Address:</b>	IL01-3rd Floor														
<b>City:</b>	Schaumburg														
<b>State/Country:</b>	ILLINOIS														
<b>Postal Code:</b>	60196														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6285338</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6285338										
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Patent Number:	6285338														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(847)576-3750														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	847-538-2725														
<b>Email:</b>	docketing.schaumburg@motorola.com														
<b>Correspondent Name:</b>	Motorola, Inc.														
<b>Address Line 1:</b>	1303 E. Algonquin Road														
<b>Address Line 2:</b>	IL01-3rd Floor														
<b>Address Line 4:</b>	Schaumburg, ILLINOIS 60196														
<b>ATTORNEY DOCKET NUMBER:</b>	IRI05125														

CH \$40.00 6285338

**PATENT**

**500548401**

**REEL: 020986 FRAME: 0719**

NAME OF SUBMITTER:

Robert J. Buccieri

**Total Attachments: 7**

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Monty W. Bai of Scottsdale, AZ; Keith A. Kingston of Mesa, AZ; Hugh R. Malone of Phoenix, AZ; John G. Doggett, Jr. of Chandler, AZ; Ronald P. Vidano of Scottsdale, AZ; and Earl R. Yingling of Chandler, AZ, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto Motorola, Inc., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States of America in and to certain inventions relating to improvements in METHOD AND APPARATUS FOR ELIMINATING KEYHOLE OF AN AZIMUTH-ELEVATION GIMBAL ANTENNA (Attorney Docket No. IRI05125), described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation, or reissue thereof.

We hereby also sell, assign, and transfer unto Motorola, Inc., the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and we further authorize Motorola, Inc. to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, or reissue, to Motorola, Inc., for the sole use and behoof of Motorola, Inc., its successors, assigns, and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to Motorola, Inc.

We agree that, when requested, we will, without charge to Motorola, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or

convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in Motorola, Inc., its successors, assigns, and legal representatives or nominees.

We covenant with Motorola, Inc., its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

Monty W. Bai  
Monty W. Bai

STATE OF ARIZONA )

COUNTY OF MARICOPA )

I, Suzanne Kennedy, a Notary Public in and for the County and State aforesaid, do hereby certify that Monty W. Bai, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28<sup>th</sup> day of January, 1999. <sup>2000 sk</sup>

Suzanne Kennedy

My commission expires on 8-2-2000



SEAL

Address correspondence concerning this document to: Motorola, Inc., Intellectual Property Department - Suite R3108, P.O. Box 10219, Scottsdale, AZ 85271-0219.

Keith A. Kingston  
Keith A. Kingston

STATE OF ARIZONA )

COUNTY OF MARICOPA )

I, Suzanne Kennedy, a Notary Public in and for the County and State aforesaid, do hereby certify that Keith A. Kingston, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28<sup>th</sup> day of January, ~~1999~~ <sup>2000 sk</sup>.

Suzanne Kennedy

My commission expires on 8/2/2000



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Hugh R. Malone  
Hugh R. Malone

STATE OF ARIZONA )

COUNTY OF MARICOPA )

I, Suzanne Kennedy, a Notary Public in and for the County and State aforesaid, do hereby certify that Hugh R. Malone, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28<sup>th</sup> day of January, <sup>2000</sup>1999.

Suzanne Kennedy

My commission expires on 8-2-2000



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John G. Doggett, Jr.  
John G. Doggett, Jr.

STATE OF ARIZONA )

COUNTY OF MARICOPA )

I, Suzanne Kennedy, a Notary Public in and for the County and State aforesaid, do hereby certify that John G. Doggett, Jr., whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28<sup>th</sup> day of January, ~~1999~~ <sup>2000 sk</sup>.

Suzanne Kennedy

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Ronald P. Vidano  
Ronald P. Vidano

STATE OF ARIZONA )

COUNTY OF MARICOPA )

I, Suzanne Kennedy, a Notary Public in and for the County and State aforesaid, do hereby certify that Ronald P. Vidano, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28<sup>th</sup> day of January, <sup>2000 sk</sup> 1999.

Suzanne Kennedy

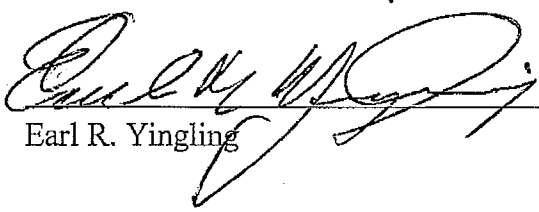
My commission expires on 8/2/2000



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Earl R. Yingling

STATE OF ARIZONA )  
COUNTY OF MARICOPA )

I, Heidi M. Bryant, a Notary Public in and for the County and State aforesaid, do hereby certify that Earl R. Yingling, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28<sup>th</sup> day of January, ~~1999~~ <sup>2000</sup>



My commission expires on



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