FORM PTO-1595 (01-1-1	1008
1 21 02	FT Potent and Trademark Office
(MAY 0 4 1998) CASE NO: CX097016	
To the Honorate Commission of Pater. 100723	398led original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies): Name: Motorola, Inc. Internal Address: Corporate Offices Intellectual Property Department Street Address: 1303 East Algonquin Road City: Schaumburg State: IL ZIP: 60196 Additional name(s) & address(es) attached? Yes x No
A. Patent Application No.(s)	B. Patent No.(s) tached ? Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Motorola, Inc. Internal Address: Corporate Offices Intellectual Property Department	7. Total fee (37 CFR 1.21 (h)): \$40.00 Enclosed X Authorized to be charged to deposit account
Street Address: 1303 East Algonquin Road	8. Deposit account number: 13-4772
City: Schaumburg State: IL ZIP: 60196	(Attach duplicate copy of this page if paying by deposit account)
	SE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. Jeffrey T. Klayman, reg. no. 39,250 Name of Person Signing Signature	April 29, 1998 Date Total number of pages comprising cover sheet: 1
OMB No. 0651-0011 (exp. 4/94)	
Mail documents to be recorded with required cover sheet information Commissioner of Box	Patents and Trademarks Assignments

Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-100C, Washington, D.C.20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, John L. Moran III of Millville,

Massachusetts, Bruce of Walpole, Massachusetts, and William Leslie Brown of Mississauga,

Ontario, CANADA, 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 improvement in System, Device, and Method for Evaluating Dynamic Range in a Communication

System (Case No. CX097016), described, illustrated and claimed in an application for Letters Patent of the United States of America application number 08/920,464 filed August 29, 1997, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto the said MOTOROLA, INC., the entire right, title and interest in and to said 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 said invention and said applications for Letters Patent in foreign countries, and we further authorize the said MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said 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 of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said MOTOROLA, INC., for the sole use and behoof of said MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which said 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

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PATENT REEL: 9192 FRAME: 0565 authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said MOTOROLA, INC.

We agree that, when requested, we will, without charge to said 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 said inventions in any and all countries and for vesting title thereto in said MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with said 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.

	N. 1000
John L. Moran III	DATE 1998
(STATE OF: Mass authoritis)
(COUNTY OF: Bristal)
hereby certify that the same persons whose names a	Public in and for the County and State aforesaid, do are subscribed to the foregoing instrument, appeared they signed, sealed and delivered said instrument as d purposes therein set forth.
Given under my hand and notarial seal this	day of Mark 1998. Ausset R. Moure Signature/Notary Public Mark 2000
	Printed Name
SEAL	My commission expires: Jan. 22, 2004/

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Brue O Con	2 77 - 00
Bruce O. Cox	DATE
(STATE OF: Mussachusetts)
(COUNTY OF: Bristal)
I, Tusset I. Morro Va Notary hereby certify that the same persons whose names	Public in and for the County and State aforesaid, do are subscribed to the foregoing instrument, appeared at they signed, sealed and delivered said instrument as and purposes therein set forth.
Given under my hand and notarial seal this	Signature/Notary Public Printed Name
SEAL	My commission expires: Jan. 22, 2004
Les Brown	3/20/98
William Leslie Brown	DATE
(STATE OF: Tex95)
(COUNTY OF: <u>Fravis</u>)
before me this day in person and acknowledged tha their free and voluntary act and deed for the uses a	
Given under my hand and notarial seal this ${\cal J}$	· · · · · · · · · · · · · · · · · · ·
WAFA GHATTAS NOTARY PUBLIC State of Texas Comm. Exp. 02-01-2000	Signature/Notary Public WAFA Chat/45 Printed Name My commission expires: 02-01-2000

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1 400	ORM COVER SHEET Patent and Trademark Office NTS ONLY CASE NO: CX097016	
To the Honorable Commission of Patents and Trademarks. Plea	ase record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Moran, John L III Cox, Burce O. Brown, William Leslie	Name and address of receiving party(ies): Name: Motorola, Inc. Internal Address: Corporate Offices	
Additional name(s) of conveying party(ies) attached? Yes x No	Intellectual Property Department	
3. Nature of Conveyance: X Assignment	Street Address: 1303 East Algonquin Road City: Schaumburg State: IL ZIP: 60196 Additional name(s) & address(es) attachcd? Yes x No	
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application A. Patent Application No.(s) 08/920,464 Additional numbers att	B. Patent No.(s)	
Name and address of party to whom correspondence concerning document should be mailed: Name:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21 (h)):	
Street Address: 1303 East Algonquin Road City: Schaumburg State: IL ZIP: 60196 DO NOT U	8. Deposit account number: 13-4772 (Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE	
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.		
Do not detach this portion Mail documents to be recorded with required cover sheet information Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-100C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503		

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