DOCKET NUMBER: SC12217TC  102155996  10215996	07 - 16	-2002
DOCKET NUMBER: SCI.221/TC  102155996  I. Name of conveying party(ies): Chitra K. Subramanian Thomas W. Andre Joseph J. Nahas  6 28 07  Additional name(s) of conveying party(ies): Internal Address: Law Department  Security Agreement  Other  Execution Date: June 27, 2002  4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is June 27, 2002.  A. Patent Application No.(s)  S. Name and address of party to whom correspondence concerning document should be mailed:  Name: MOTOROLA, INC.  Internal Address: 1303 East Algonquin Road  City: Schaumburg  State: II. Zip: 60196  City: Schaumburg  State: II. Zip: 60196  Additional name(s) & address(es)  yes X No  Additional name(s) & address(es)  Additional name(s) & address(es)  Additional name(s) & address(es)  Additional name(s) & address(es)  If this document is being filed together with a new application, the execution date of the application is June 27, 2002.  B. Patent No.(s)  S. Name and address of party to whom correspondence concerning document should be mailed:  Name: MOTOROLA, INC.  Internal Address: 7700 W. Parmer Lane  City: Austin State: Texas  Zip: 78729  Do Not USE THIS SPACE  9 Statement and signature.  To the hest of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the priginal document  Figure 12 June 12 J	FORM: P10-1595	
To the Honorable Commissioner of Patents		
1. Name of conveying party(ies): Chira K. Subramanian Thomas W. Andre Joseph J. Nahas  6 28. O  Additional name(s) of conveying party(ies)  Name: Motorola, Inc. Internal Address: Law Department  Additional name(s) of conveying party(ies)  Name: Motorola, Inc. Internal Address: Law Department  Street Address: Law Department  City: Schaumburg  Street Address: 1303 East Algonquin Road  City: Schaumburg  State: II Zip: 60196  Additional name(s) & address(es)  attached?  Yes X No  Additional name(s) & address(es)  attached?  Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MOTOROIA, INC.  Internal Address:  MD: 1X32/PL02  Enclosed  X Authorized to be charged to deposit account  Street Address: 7700 W. Parmer Lane  City: Austin  State: Texas  Zip: 78729  (Attach duplicate copy of this page if paying by deposit account.)  DO NOT 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 this priginal documents:  Additional name(s) of cover sheet, attachements, and documents: 4  Ball documents to be recorded with required cover sheet information to:	DOCKET NUMBER: SC12217TC 10215	55996
Chitra K. Subramarian Thomas W. Andre Joseph J. Nahas  6 28.07  Additonal name(s) of conveying party(ies)		
Name: Motoroja, Inc.		2. Name and address of receiving party(les)
Additional name(s) of conveying party(les)	Thomas W. Andre	Name: Motorola, Inc.
Additional name(s) of conveying party(ies)	Joseph J. Nanas 6,20.	Internal Address: Law Department
3 Name of conveyance:  X Assignment Merger  Other  Execution Date: June 27, 2002  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is June 27, 2002.  A. Patent Application No.(s)  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MOTOROLA, INC.  Internal Address: MD: TX32/PL02  Street Address: 7700 W. Parmer Lane  City: Schaumburg State: IL Zip: 60196  Additional numbers attached?  Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MOTOROLA, INC.  Internal Address: MD: TX32/PL02  Enclosed  X Authorized to be charged to deposit account  Street Address: 7700 W. Parmer Lane  City: Austin State: Texas Zip: 78729  (Attach duplicate copy of this page if paying by deposit account.)  DO NOT 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 prigrighal document.  Bobert L. King Name of Person Signing Name of Person Signing Total number of applications and patents  I address: 1303 East Algonguin Road  Additional name(s) & address: IL Zip: 60196  X No  6. Total number of applications and patents  I involved:  7. Total fee (37 CFR 3.41) \$40.00  X Authorized to be charged to deposit account  8. Deposit account number: 13-4773  (Attach duplicate copy of this page if paying by deposit account.)  DO NOT 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 prigrighal document.  Hall documents: 4  Mail documents to be recorded with required cover sheet information to:		
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Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231	Mail documents to be recorded v	vith required cover sheet information to:

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> PATENT REEL: 013075 FRAME: 0786

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, CHITRA K. SUBRAMANIAN, AUSTIN, TEXAS; THOMAS W. ANDRE, AUSTIN, TEXAS; and JOSEPH J. NAHAS, AUSTIN, TEXAS, 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 MEMORY HAVING A

PRECHARGE CIRCUIT AND METHOD THEREFOR (Docket No. SC12217TC), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, 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 invention 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 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 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 benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which 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

SC12217TC

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.

CHITRA K. SUBRAMANIAN

STATE OF TEXAS

COUNTY OF WILLIAMSON )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Chitra K. Subramanian whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this day of \_\_\_\_\_\_

2002.

My commission expires:

BEVERLEY ANNE GUIDRY
MY COMMISSION EXPIRES
March 11, 2003

B. Anne Guid

DATE:  $\frac{6/27}{02}$ 

Printed Name of Notary Public

Man Colle DATE: 6/27/02
THOMAS W. ANDRE
STATE OF TEXAS )
COUNTY OF WILLIAMSON )
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Thomas W. Andre whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.  Given under my hand and notarial seal this day of day of day of day,
2002.
My commission expires:  BEVERLEY ANNE GUIDRY MY COMMISSION EXPIRES March 11, 2003  BEVERLEY ANNE GUIDRY Printed Name of Notary Public
DATE: 2> June 2002
STATE OF TEXAS ) COUNTY OF WILLIAMSON )
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Joseph J. Nahas whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.  Given under my hand and notarial seal this day of day
My commission expires:    BEVERLEY ANNE GUIDRY   Notary Public Signature

SC12217TC 3

**RECORDED: 06/28/2002**