Additional name(s) of conveying party(ies):    Assignment	FORM PTO-1594	02-04-	1999 U.S. DEPARTMENT OF COMMERCE
To the Commissioner of Patents an 10095/931 against documents or copy thereof.  1. Name of conveying party(les):  1. Name of conveying party(les):  1. Name of conveying party(les):  1. Name and address of receiving party(les):  1. Name: Motorola, Inc.  2. Name and address:  2. Name: Motorola, Inc.  3. Nature of conveyance:  3. Security Agreement	Atty Docket #: Se	C91109A	Patent and Trademark Office
1. Name of conveying party(les):  Kiyoshi Kase  2. Name and address of receiving party(les):  Name: Motorola, Inc.  2. Name and address:  Internal			7021
Name: Motorola, Inc.    Additional name(s) of conveying party(ies)   Yes   X   No   No   No   Yes   X   No   Yes   Xes   Yes   Xe		onor or ratorito arr	nginal documents of copy thereof.
Name: Motorola, Inc.    Additional name(s) of conveying party(ies)	•	<b>3.</b> , , ,	3   3 (4.3)
Additional name(s) of conveying party(les)	,		Name: Motorola Inc
Additional name(s) of conveying party(les)  Yes X No  3. Nature of conveyance:			
Additional name(s) of conveying party(ies) Yes X No  3. Nature of conveyance:  X Assignment			36.8
Additional name(s) of conveying party(les)  Yes X No  3. Nature of conveyance:			Internal Address:
Street Address: 1303 East Algonquin Road    Security Agreement		nveying party(ies) Yes X No	in Si
Street Address: 1303 East Algonquin Road    Security Agreement	3. Nature of conve	evance:	-
City: Schaumburg State: IL ZIP: 60196  Execution Date: January 18, 1999 Additional name(s) & address(es) attached? Yes X No  4. Application number(s) or patent number(s):  If this document is being filled together with a new application, the execution date of the application is: January 18, 1999  A. Patent Application No.(s):  Attorney Docket Number: SC91109A  D9 / 23 606 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: Austin Intellectual Property  Law Section  Street Address: 505 Barton Springs Road Suite 500, MD: TX07/F4  City: Austin State: TX ZIP: 78704  3/1999 JSHABAZZ 00000010 134773 992366 DO NOT USE THIS SPACE  958 tatement 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.  Keith E. Witek 37,475  Name of Person Signing Reg, No. Signature  City: Schaumburg State: IL ZIP: 60196  City: Schaumburg State: IL ZIP: 60196  Yes X No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)			Street Address: 1303 East Algonquin Road
City: Schaumburg State: IL ZIP: 60196  Execution Date: January 18, 1999  Additional name(s) & address(es) attached? Yes X No  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:  A. Patent Application No.(s):  Attorney Docket Number: SC91109A  O9 / 3 6 06		[	
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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:  A. Patent Application No.(s):  Attorney Docket Number: SC91109A  D9 / 236064  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: Austin Intellectual Property  Law Section  Street Address: 505 Barton Springs Road  Suite 500, MD: TX07/F4  City: Austin State: TX ZIP: 78704  TO NOT USE THIS SPACE  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.  Keith E. Witek 37,475  Name of Person Signing Reg. No.  Signature  January 18, 1999  B. Patent No.(s):  B. Patent No.(s):  Authorics: Austin no.(s):  Additional numbers attached?  Yes X No  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)		January 40, 4000	1
A. Patent Application No.(s):  Attorney Docket Number: SC91109A  D9 / 23 606 4  Additional numbers attached?  Name and address of party to whom correspondence concerning document should be mailed:  Name: Motorola, Inc.  Internal Address: Austin Intellectual Property Law Section  Street Address: 505 Barton Springs Road Suite 500, MD: TX07/F4  City: Austin State: TX ZIP: 78704  3/1999 JSHARAZZ 0000010 134773 0923665  DO NOT USE THIS SPACE  January 18, 1999  B. Patent No.(s):  B. Patent No.(s):  Additional numbers attached? Yes X No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)	Execution Date:	January 18, 1999	Additional name(s) & address(es) attached?  Yes  No
A. Patent Application No.(s):  Attorney Docket Number: SC91109A  09/236064  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: Austin Intellectual Property Law Section  Street Address: 505 Barton Springs Road Suite 500, MD: TX07/F4  City: Austin State: TX ZIP: 78704  State: TX ZIP: 78704  DO NOT USE THIS SPACE  State Address of party to whom correspondence on a concerning document should be mailed:  7. Total fee (37 CFR 3.41)	4. Application num	nber(s) or patent number(s):	
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Internal Address:  Austin Intellectual Property Law Section  X Authorized to be charged to deposit account Street Address:  505 Barton Springs Road Suite 500, MD: TX07/F4  City: Austin State: TX ZIP: 78704  DO NOT USE THIS SPACE  3/1999 JSMANZZ 0000010 134773 0923604  DO NOT USE THIS SPACE  3/1999 JSMANZZ 0000010 134773 0923604  DO NOT USE THIS SPACE  4/19/99  Name of Person Signing Reg. No. Signature  Date			
Street Address: 505 Barton Springs Road Suite 500, MD: TX07/F4 City: Austin State: TX ZIP: 78704  DO NOT USE THIS SPACE  9. Statement and Sighature. 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.  Keith E. Witek 37,475 Name of Person Signing Reg. No. Signature  Authorized to be charged to deposit account number: 13-4773  8. Deposit account number: 13-4773  DO NOT USE THIS SPACE  1/9/99 Date		<u> </u>	· · · · · · · · · · · · · · · · · · ·
Street Address: 505 Barton Springs Road Suite 500, MD: TX07/F4  City: Austin State: TX ZIP: 78704  DO NOT USE THIS SPACE  Suite 500, MD: TX07/F4  ONOT USE THIS SPACE  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.  Keith E. Witek 37,475  Name of Person Signing Reg. No. Signature  Authorized to be charged to deposit account number: 13-4773  B. Deposit account number: 13-4773  To No NoT USE THIS SPACE  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.  Keith E. Witek 37,475  Name of Person Signing Reg. No. Signature  Do Not USE THIS SPACE	mitemai Audiess.		Enclosed
Suite 500, MD: TX07/F4 City: Austin State: TX ZIP: 78704  DO NOT USE THIS SPACE  3/1999 JSHABAZZ 00000010 134773 09236067  DO NOT USE THIS SPACE  5. 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.  Keith E. Witek 37,475  Name of Person Signing Reg. No. Signature  Date			Authorized to be charged to deposit accoun
Suite 500, MD: TX07/F4 City: Austin State: TX ZIP: 78704  DO NOT USE THIS SPACE  3/1999 JSMB6ZZ 00000010 134773 09236067  DO NOT USE THIS SPACE  5.55 tatement 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.  Keith E. Witek 37,475  Name of Person Signing Reg. No. Signature  Date	Street Address:	505 Barton Springs Road	8. Deposit account number: 13-4773
DO NOT USE THIS SPACE  9.39 tatement 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.  Keith E. Witek  37,475  Name of Person Signing  Reg. No.  Signature  Do NOT USE THIS SPACE   1/9/99  1/19/99  Date		Suite 500, MD: TX07/F4	/
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.  Keith E. Witek 37,475  Name of Person Signing Reg. No. Signature  Date	City: <u>Austin</u>	State: <u>TX</u> ZIP: <u>78704</u>	
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.  Keith E. Witek 37,475  Name of Person Signing Reg. No. Signature  Date	)3/1999 JSHABAZZ 0000	0010 134773 09236067 DO NOT L	USE THIS SPACE
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PATENT

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, Kiyoshi Kase of Pflugerville, 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, my entire right, title and interest in the United States of America in and to certain inventions relating to improvements in SAMPLE AND HOLD CIRCUIT AND METHOD THEREFOR (Attorney Docket No. SC91109A), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me of even date herewith, together with my 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, reissue, or reexamination thereof.

I hereby also sell, assign and transfer unto MOTOROLA, INC., my 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 inventions and said applications for Letters Patent in foreign countries, and I 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 said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I 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 said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

I agree that, when requested, I 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 said inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

PATENT REEL: 9732 FRAME: 0767 I 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.

Kiyoshi Kase

STATE OF TEXAS

COUNTY OF TRAVIS

I, SANDRAE GING, a Notary Public in and for the County and State aforesaid, do hereby certify that Kiyoshi Kase, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the said instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

\_day of

My commission expires on \_

Address correspondence concerning this document to: Motorola, Inc., Austin Intellectual Property Law Section, 505 Barton Springs Road, Suite 500, MD: TX07/F4, Austin, Texas 78704.

RECORDED: 01/25/1999

PATENT REEL: 9732 FRAME: 0768