## 

FORM PTO-1594 (Rev. 6-93)

**RECOR** 

101436783

U.S. DEPARTMENT OF COMMERCE

Atty Docket #:	PAIL	INIO OINE	Patent and Trademark Office
SC11124TH	seigner of Detents and Trademarks: Please reco	ord the attached original documents or copy thereof.	
Name of conveying		2. Name and address of receiving party	v(ies):
Steven C. Sulliva	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	12. Ivanie and address of receiving party	y(ies):
	/ 01/2	Name: Motorola, Inc	, ,
Michael D. Snyde	/ 5)/	Name. Motorora, mc.	00 00 00
Magnus K. Bruce	(= JUL 0 3 2000 🕏)		<b>8</b>
	(E)	Internal Address. Intellectual Pro	operty Dept
	PADEMARKOT	Internal Address: Intellectual Pro	operty Dept.
	TOE MIT		
3. Nature of conveya	ance:		
	☐ Merger	Street Address: 1303 East Algor	nquin Road
Security Agreer	nent	MD: IL01/3rd	
Other		City: Schaumburg State: IL	ZIP: <u>60196</u>
rdata of	128 2000	Additional name(s) & address(es) attached?	□ Yes 🖾 No
Execution date of conveyance:	June 28, 2000		
	er(s) or patent number(s):		
• •	eing filed together with a new applicat	tion, the execution date of the	June 28, 2000
application is:	ong med together with a set of approximation		
<ul> <li>A. Patent Applicatio</li> </ul>	on No.(s):	B. Patent No.(s):	ام
	SC11124TH	U	9 609 749
	Additional nu	imbers attached? Yes	No No
5. Name and address	of party to whom correspondence	6. Total number of applications and pate	ents involved: 1
concerning documen	t should be mailed:	7. Total fee (37 C.F.R. 3.41)	
Name:	Motorola, Inc.	7. Total fee (37 C.P.R. 3.41)	
Internal Address:	Austin Intellectual Property Law Section	☐ Enclosed	
	7700 West Parmer Lane	Authorized to be charged to deposit a	account
Street Address:			
City. State, Zip:	MD: TX32/PL02 Austin, Texas 78729	8. Deposit account number: 13-4773	
Chy, State, Zip.	Austin, Toxes / S. Es	o. Deposit account	
	DO NO	T USE THIS SPACE	
9. Statement and sig	gnature.	and any ottoo	thed convis a true conviofit
To the best of my ki	nowledge and belief, the foregoing inl	formation is true and correct and any attac	ned copy is a day copy of a
original document.		0	lada
James L. Clinga	n, Jr. 30,163 ing Reg. No.	James L Clingan, A.	<u>6/28/00</u>
Name of Person Sign	ing Reg. No.	// Signature	Date
	Total number of pages includir	ng cover sheet, attachments, and documen	ıt: 3
OMB No. 0651-0011 (exp.	4/94)		
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**PATENT REEL: 010994 FRAME: 0883** 

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Steven C. Sullivan of Austin, Texas; Michael D. Snyder of Austin, Texas; and Magnus K. Bruce of Cedar Park, 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 METHOD AND APPARATUS FOR IMPROVING ACCESS TIME IN SET-ASSOCIATIVE CACHE SYSTEMS (Attorney Docket No. SC11124TH), described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, together with our 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, reexamination, or reissue thereof.

We hereby also sell, assign, and transfer unto Motorola, Inc., our 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, reexamination, 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..

PATENT REEL: 010994 FRAME: 0884

JOINT PATENT Attorney Docket No.: SC11124TH

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.

Steven C. Sullivan

STATE OF TEXAS

COUNTY OF WILLIAMSON

I, Elaine L. Cox, a Notary Public in and for the County and State aforesaid, do hereby certify that Steven C. Sullivan, 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 instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

h.

Given under my hand and notarial seal this 28th day of June, 2000.

ELAINE L. COX

Notary Public, State of Texas

My Commission Expires

JAN. 22, 2001

My commission expires on // 72/6/

Address correspondence concerning this document to: Motorola, Inc., Austin Intellectual Property Law Section, 7700 West Parmer Lane, MD: TX32/PL02.

Attorney Docket No.: SC11124TH

Makeel D. Sunk
Michael D. Snyder
STATE OF TEXAS )
COUNTY OF WILLIAMSON )
I, Elaine L. Cox, a Notary Public in and for the County and State aforesaid, do hereby certify that Michael D. Snyder, 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 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 28th day of 4000.  ELAINE L. COX  Notary Public, State of Texas  My Commission Expires  LAN 22 2001
My Commission Expires  JAN. 22, 2001  My commission expires on/Z 2/01
SEAL  Magnus K. Bruce
STATE OF TEXAS )
COUNTY OF WILLIAMSON )
I, Elaine L. Cot, a Notary Public in and for the County and State aforesaid, do hereby certify that Magnus K. Bruce, 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 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 28th day of function, 2000.
ELAINE L. COX  Notary Public, State of Texas  My Commission Expires  JAN. 22, 2001  My commission expires on

Address correspondence concerning this document to: Motorola, Inc., Austin Intellectual Property Law Section, 7700 West Parmer Lane, MD: TX32/PL02.

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PATENT
RECORDED: 07/03/2000 REEL: 010994 FRAME: 0886