12-08-2000

1-31-92	10/00			l I	U.S. DEP	ARIMENIC	OF COMM	ENCE
	0.7				Patent a	nd Tradema	ark Office	, D
Docket No. CS1069	97 istant Commissioner	10154	4916	ori	ginal docum	ents or cor	ov thereo	
1. Name of conveyi		Torr atems. Theate	2. Name					<u> </u>
Duane Carl Rabe			Name: Motorola Inc.					⊃.
			internal /		Corporate			80
			, internal		Intellectua		Denartr	
			Street	Address:	1303 East			III J
Additional name(s)		Yes 🗶 No	0110017	1001000:	1000 Lagi	rugoriquii	111000	
party(ies) attached? 3. Nature of convergence of c				Citv:	Schaumbu	ıra		
		Margor		•	Illinois			
X Assignment			7		60196			
Security Agre	eement [Change of Name		1				
☐ Other —			9,	1110	290			
	<u> </u>		1 ′					
Execution Date:	Hero Hero	ewith	Additional na address(es) a			Yes	\mathbf{x}	No
4. Application num	ber(s) or patent nu	imber(s):						
			J					
	A deliking a law w	and a second a second and a second a second and a second a second and a second and a second and		Van	₩ No			
		mbers attached?		Yes	X No			
correspondence co	ess of party to who	m	6. Total nu involved:	·			nts [
correspondence co mailed:	ess of party to who	m	involved:	mber of a	pplications	and pater		
correspondence co mailed: Name:	ess of party to who ncerning documen	m nt should be	involved: 7. Total fee	mber of a	pplications	and pater		
correspondence co mailed: Name:	ess of party to who encerning documer Motorola, Inc.	m nt should be <u>unications Sector</u>	7. Total fee	mber of a e (37 CFF Enclosed	pplications	and pater	\$ 40	.00
correspondence co mailed: Name: Internal Address: Street Address:	ess of party to who encerning documen Motorola, Inc. Personal Commu Intellectual Prope	m of should be unications Sector erty Department ghway 45 ZIP: 60048	7. Total fee	mber of a (37 CFR Enclosed Authorize account r	pplications 3.41)	and pater	\$ 40	.00
correspondence co mailed: Name: Internal Address: Street Address:	ess of party to whomogeneous documents Motorola, Inc. Personal Communication of the property of the party of the property of the party of the part	m of should be unications Sector erty Department ghway 45 ZIP: 60048	involved: 7. Total fee	mber of a (37 CFR Enclosed Authorize account r	pplications 3.41)	and pater	\$ 40	.00
correspondence co mailed: Name: Internal Address: Street Address: City: Libertyville	ess of party to whole encerning document Motorola, Inc. Personal Communication Intellectual Properties 600 North US High	m of should be unications Sector erty Department ghway 45 ZIP: 60048	7. Total fee	mber of a (37 CFR Enclosed Authorize account r	pplications 3.41)	and pater	\$ 40	.00
Internal Address: Street Address:	ess of party to whole encerning document Motorola, Inc. Personal Communication Intellectual Properties 600 North US High State: IL	m of should be unications Sector erty Department ghway 45 ZIP: 60048	involved: 7. Total fee X 8. Deposit	mber of a (37 CFF Enclosed Authorize account r	pplications 3.41) d to be cha	arged to d	\$ 40	ocount
correspondence co mailed: Name: Internal Address: Street Address: City: Libertyville 9. Statement and si	ess of party to whomorphocerning documents Motorola, Inc. Personal Communication Intellectual Properties 600 North US Higher State: IL	m Int should be unications Sector erty Department ghway 45 ZIP: 60048 DO NOT Use def, he foregoing in	7. Total fee	mber of a (37 CFF Enclosed Authorize account r CE true and	pplications 3.41) d to be cha	arged to d	\$ 40	ocount
correspondence co mailed: Name: Internal Address: Street Address: City: Libertyville 9. Statement and si To the best of my k true copy of the original	Motorola, Inc. Personal Community of North US High State: IL ignature and document.	m Int should be unications Sector erty Department ghway 45 ZIP: 60048 DO NOT Use def, he foregoing in	7. Total fee	mber of a (37 CFF Enclosed Authorize account r CE true and	pplications 3.41) d to be cha	arged to d	eposit ac	occount
correspondence co mailed: Name: Internal Address: Street Address: City: Libertyville 9. Statement and si To the best of my k	Motorola, Inc. Personal Community of Motorola, Inc. Intellectual Property of Motorola, Inc. State: IL	m Int should be unications Sector erty Department ghway 45 ZIP: 60048 DO NOT Us def, he foregoing in	involved: 7. Total fee X 8. Deposit	mber of a (37 CFF Enclosed Authorize account r CE true and	pplications 3.41) d to be cha	arged to d	\$ 40	occount
correspondence comailed: Name: Internal Address: Street Address: City: Libertyville 9. Statement and si To the best of my k true copy of the orio Hisashi D. Watanak Name of Person Sign	Motorola, Inc. Personal Community Intellectual Property 600 North US High State: IL ignature Inowledge and beliginal document. be 37, ning Reg.	m Int should be unications Sector erty Department ghway 45 ZIP: 60048 DO NOT Us def, he foregoing in	7. Total fee	mber of a (37 CFF Enclosed Authorize account r CE true and	pplications 3.41) d to be cha	arged to d	eposit ac	occount
correspondence co mailed: Name: Internal Address: Street Address: City: Libertyville 9. Statement and si To the best of my k true copy of the orio	Motorola, Inc. Personal Community Intellectual Property 600 North US High State: IL ignature Inowledge and beliginal document. be 37, ning Reg.	m Int should be unications Sector erty Department ghway 45 ZIP: 60048 DO NOT Us def, he foregoing in	7. Total fee	mber of a (37 CFF Enclosed Authorize account r CE true and	pplications 3.41) d to be cha	arged to d	eposit ac	occount

1

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I. Duane Carl Rabe of Hawthorn Woods, IL has sold, assigned and transferred, and does hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, 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 Method and Apparatus for Providing Location Information filed Herewith (Docket No. CS10697) described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the dates indicated by my signature below, together with the entire right, title and interest in and to said application, and in and to any Letters Patent that may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto 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 I 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.

I 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 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 the said MOTOROLA, INC.

I agree that, when requested, I 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.

I 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 Duane Carl Rabe

Duane Carl Rabe

DATE

I, JENNIER MAGNISS a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 10TH day of NOVEMBER 2000.

SEAL

OFFICIAL SEAL JENNIFER MAGNESS MY COMMISSION EXPIRES:03/26/02

RECORDED: 11/10/2000

My commission expires: 2/26/22

Notary Public

1

PATENT **REEL: 011308 FRAME: 0682**