SSIONER OF PATENTS AND TRADEMARKS Case No. CML00558AT (9640/18) 102441424 11. Name of Party(ies) conveying an interest: Case No. CML00558AT (9640/18) Case No. CML00558AT (9640/18) Case No. CML00558AT (9640/18) Case No. CML00558AT (9640/18) Case No. CML0058AT (9640/1	_ 05-07-2003			
To the attached original document or copy thereof. 1. Name of Party(ies) conveying an interest: 4:28-03 DENNIS H. CARLSON DENNIS H. CARLSON DENNIS H. CARLSON Additional name(s) of conveying party(ies) attached? Additional name(s) and addresses attached? Additional name(s) and addresses attached? Yes No Other: Security Agreement Security Agreement Merger Execution Date: MARCH 23, 2003 A Application number(s) or patent number(s). Additional sheet attached? Where the party is a strain to the application is: MARCH 27, 2003 Date B. Patent No.(s) Additional numbers attached? Frank C. Nicholas CARDINAL LAW GROUP 1603 Orington Avenue Suite 2000 Evanston, lilinois 60201 (847) 905-7111 B. Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 50-1713. DO NOT USE THIS SPACE OK-2003 EDOPER 00000108 501713 1042444 FRANK C. NiCHOLAS (33.938) Name of Person Signing Signature APRIL 28, 2003 Date	F	SSIONER OF P	ATENTS AND T	PATENTS ONLY PATENTS ONLY
1. Name of Party(ies) conveying an interest: 4.28-03 DENNIS H. CARLSON Additional name(s) of conveying party(ies) attached? Additional name(s) of conveying party(ies) attached? Additional name(s) of conveying party(ies) attached? Additional name(s) and addresses attached? Application of the interest conveyed: Application at member(s). Additional sheet attached? Application number(s) or patent number(s). Additional sheet attached? Additional numbers attached? Additional number				
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DENNIS H. CARLSON City: SCHAMBURG City: SCHAMBURG StateZip: ILLINOIS 60196	Name of Party(ies) conveying an info		2. Name and Addre	ess of Party(les) receiving an interest:
Yes No Yes Yes No Yes	DENNIS H. CARLS		Internal Address: Street Address: City:	1303 E. ALGONQUIN ROAD SCHAUMBURG
Additional numbers attached? Yes No Security Agreement	Additional name(s) of conveying party(is		Additional name(s) a	nd addresses attached? ☐ Yes ⊠ No
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4. Application number(s) or patent number(s). Additional sheet attached? \[\text{Yes \omega} \text{No} \] If this document is being filed together with a new application, the execution date of the application is: \[\frac{MARCH 27, 2003}{Date} \] A. Patent Application No.(s) Additional numbers attached? \[\text{Yes \omega} \text{ No} \] B. Patent No.(s) Additional numbers attached? \[\text{Yes \omega} \text{ No} \] S. Name and address of party to whom correspondence concerning document should be mailed: Frank C. Nicholas	Security Agreement	☐ Merger		6 44 8
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Frank C. Nicholas CARDINAL LAW GROUP 1603 Orrington Avenue Suite 2000 Evanston, Illinois 60201 (847) 905-7111 8. Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 50-1713. DO NOT USE THIS SPACE 06/2003 ECOOPER 00000108 501713 10424444 FC:8021 40.00 CH 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. FRANK C. NICHOLAS (33,938) Name of Person Signing 7. Total fee (37 CFR 3.41) Enclosed Authorized to be charged to Deposit Account No. 50-1713 8. Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 50-1713. DO NOT USE THIS SPACE	5. Name and address of party to whom	n correspondence 6		ions and patents involved: 1
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	Total number of	pages including cover s	heet, attachments, and	I document: <u>3</u>

PATENT REEL: 014019 FRAME: 0476

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **DENNIS CARLSON**, 1924 E. Jonquil Terrace, Arlington Heights, IL, 60004, has 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 **ANTENNA PHASE**MODULATOR (Docket No. CML00558AT (9640/118)), 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.

I 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 therefore 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 I 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.

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 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 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.

PATENT REEL: 014019 FRAME: 0477

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 the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

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.

DENNIS CARLSON

STATE OF **ILLINOIS**)ss

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that DENNIS CARLSON 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 \\21 day of \\ \- \cdots

2003.

My commission expires:

"OFFICIAL SEAL" BRENDA J. GRAFMAN Notary Public, State of Illinois My Commission Expires 6/16/2003

RECORDED: 04/28/2003

Printed Name of Notary Public

Public Signa

DATE: March 28, 2003

PATENT

REEL: 014019 FRAME: 0478

GEBENIAN