05-28-1998

SS MAIL NO.: EM403503802US

FORM PTO-1594 1-31-92	14-98				U.S. DEPARTMENT OF		
Docket No. CE01		10	0720	0942	Patent and Tradema	rk Office	
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.							
Name of conveying party(ies):				2. Name and addr	ess of receiving party(	ies):	
Joel Anthony Clark			Name:	Motorola, Inc.			
				Internal Address:	Corporate Offices		
					Corporate Offices Intellectual Property	Department -	
Additional name(s) of conveying Yes X No party(ies) attached?				Street Address:	1303 East Algonquir		
3. Nature of convey	ance:	Alle V		City:	Schaumburg	•	
X Assignment	П	Merger		State:	Illinois		
Security Agre	ement	Change Name	of	ZIP code:	60196		
Other —							
Execution Date:	He	rewith		Additional name(s) & address(es) attached?	Yes	x No	
4. Application numb	per(s) or patent r	number(s):					
If this document is being filed together with a new applic the execution date of the application is:				cation,	Here	with	
A. Patent Application No.(s):				B. Patent N	o.(s):		
09/079013							
Additional numbers attached?				Yes	X No		
5. Name and address of party to whom correspondence concerning document should be mailed:				Total number of applications and patents involved:			
	Name: Motorola, Inc.			7. Total fee (37 CFR 3.41) \$ 40.00 E			
Internal Address:	Internal Address: Cellular Subscriber Sector			Enclosed			
Intellectual Property Department			X Authorized to be charged to deposit account				
	Street Address: 600 North US Highway 45 City: Libertyville State: IL ZIP: 60048						
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 original document.  John J. Oskorep  41.234							
Name of Person Signii			ature		Date	-	
OMB No. 0651-0011 (exp.	4/04)	***************************************					

05/26/1998 TTON11 00000156 134768 09079013

01 FC:581 40.00 CH

EXPRESS MAIL NO.: EM403503802US

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, Joel Anthony Clark of Woodridge, 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 INTEGRATED SPEAKER ASSEMBLY OF A PORTABLE ELECTRONIC DEVICE filed Herewith(Docket No. CE01626R), 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.

interest and encumbrance	property hereby conveyed is free from all p	cessors, assigns and legal representatives, that the rior assignment, grant, mortgage, license or other				
Joel Anthon	ly Clark	DATE				
(STATE OF (COUNTY C						
I, JENNIFER MAGNESS, 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.						
Giv	ven under my hand and notarial seal this	147H day of MAY , 1998.				
SEAL	OFFICIAL SEAL JENNIFER MAGNESS NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 03/28/03	My commission expires:				

PATENT REEL: 9184 FRAME: 0805