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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	U.S. Department of Commerce Patent and Trademark Office PATENT		
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Name (line 1) MARTIN HAG	UE RAMSDEM 12-10-01		
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Name (line 1)			
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Receiving Party	Mark if additional names of receiving parties attached		
Name (line 1) Motorola, Inc.	If document to be recorded is an assignment and the		
Name (line 2) Energy Systems Group receiving party is not domiciled in the United States, an appointment			
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Address (line 1) Intellectual Property	separate document from		
Address (line 2) 1700 Belle Meade (Court Assignment.)		
Address (line 3) Lawrenceville	Georgia 30043 State/Country Zip Code		
Domestic Representative N			
Name Motorola, Inc.			
Address (line 1) Energy Systems G	Group		
Address (line 2) Intellectual Propert			
Address (line 3) 1700 Belle Meade			
Address (line 4) Lawrenceville, Geo	FOR OFFICE USE ONLY		
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office
Correspondent Name and A	ddress Area Code and Tally I	PATENT
Name Motorolo Inc	Area Code and Telephone Number	(770) 338-3227
iwotofola, file.		
Address (line 1) Energy Systems G	oup	
Address (line 2) Law Department		
Address (line 3) 8000 West Sunrise	Boulevard - Room 1610	
Address (line 4) Fort Lauderdale, Flo		
and any ana	nber of pages of the attached conveyance docu	ment # /
Application Number(s) or Pa	tent Number(s)	
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If this document is being filed together with signed by the first named executing inventor	a new Patent Application, enter the date the patent application.	
Patent Cooperation Treaty (P	CT)	12 10 01
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only if a U.S. Application has not been assigned.	Number PCT PCT	PCT
Number of Properties Ent	er the total number of properties involved. #	1
ee Amount Fee	Amount for Properties Listed (37 CFR 3.41): \$	40
Method of Payment: Deposit Account	Enclosed Deposit Account X	
(Enter for payment by deposit accou	nt or if additional fees can be charged to the account.) Deposit Account Number:	‡ 50-0757
	Authorization to charge additional fees:	Yes X No
Statement and Signature		
	ge and belief, the foregoing information is true a y of the original document. Charges to deposit	
Philip H. Burrus, IV	1)21	12/10/01
Name of Person Signing	Signature	Date

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) ENU348

Whereas, I, MARTIN +). ICAMSDENI OF LAWRENCEVILLE, CEORLIA, hereafter				
referred to as applicant, have invented certain new and useful improvements in				
TREBURNCY THRESHOLD AUDIO ACTION COUNTER				
for which an application for a United States Patent was filed on				
Whereas, Motorola, Inc. of Schaumburg, Illinois herein referred to				
"assignee" whose mailing address is 1303 E. Algonquin Road, Schaumburg, Illinois is de-				
sirous of acquiring the entire right, title and interest in the same;				
Now, therefore, in consideration of the sum of one dollars (\$), the receipt whereof is ac-				
knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign				
and transfer unto said assignee the full and exclusive right to the said invention in the United States and the				
entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,				
I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States				
Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;				
and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may				
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not				
been made.				
Executed this day of				
at Motorola, Inc. Lawrenceville, Georgia				
det there.				
(Signature)				
County of Gwinnett				
Before me personally appeared said // ANCILL FAMILIE and acknowledged the foregoing instrument to be his free act and deed this				
day of / Meruses, 20 07.				
Seal (Notary Public)				

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PATENT REEL: 012398 FRAME: 0141