Served and the set of th	MRD 5-13-94		DATION FORM (	المتألمة والوار الاح		
Submission Type       Conveyance Type         X       Assignment       Security Agreement         Document 10#       License       Change of Name         Correction of PTO Error Reel #       Frame #       Merger       Other         Corrective Document       Werger       Other       Security Agreement         Corrective Document       Frame #       Department File       Security Out.st by U.S. Government Agencies)         Name (ine 1)       Soaltiel Avalos       Mork if additional names of conveying parties attached       Execution Domestic Representation Domestic Representation Security         Name (ine 1)       Soaltiel Avalos       3/10/99       Second Party         Name (ine 2)       Execution Domestic Representation Security       3/10/99         Name (ine 2)       Execution Domestic Representation Security       3/10/99         Name (ine 2)       Mark If additional names of receiving parties attached Execution Domestic Representation Security       Security Agreement         Address (ine 1)       Tobert D. Kaylor       3/10/99       Security Agreement         Name (ine 2)       Mark If additional names of receiving parties attached Execution Domestic Representations in Comestic Representations in Comestic Representations in Comestic Representative Name and Address       Enter for the first Receiving Party only.         Name       Interceiving Party only.			PATENTS C	ONLY <sup>1</sup>		
Resubmission (Non-Recordation)       License       Change of Name         Correction of PTO Error       Werger       Other       U.S. Government         Corrective Document       (For Use ONL' 90.5, Government Agencies)       Werger       U.S. Government         Rel #       Frame #       Departmental File       Secret File         Corrective Document       (For Use ONL' 90.5, Government Agencies)       Month Day         Name (line 1)       Soaltiel Avalos       3/10/99         Name (line 2)       Secret File       Execution Day         Receiving Party       Mark if additional names of conveying parties attached segments       Signature         Name (line 2)       Secret File       Secret File         Receiving Party       Mark if additional names of conveying parties attache       Month Day         Name (line 2)       Secret File       Secret File         Receiving Party       Mark if additional names of receiving parties attache       Name (line 2)         Receiving Party       Mark if additional names of receiving parties attache       Secret File         Name (line 1)       Cable Electronics, Inc.       If document to be is an assignment       Secret File         Address (line 2)       State/Country       Zio Code       Secret File       Secret File         Address (line 2) <th></th> <th>Patents and Tradema</th> <th></th> <th></th> <th>locument(s) or co</th> <th>py(ies).</th>		Patents and Tradema			locument(s) or co	py(ies).
Document ID#     Correction of PTO Error     Reel #     Frame #     Correction of PTO Error     Reel #     Frame #     Corrective Document     Corrective     Corrective Document     Corrective     Corrective Document	X New		X Assignmer	nt Security A	Agreement	
Reel #       Frame #       U.S. Government (For Use ONLY by U.S. Government (For Use ONLY by U.S. Government Agencies)         Reel #       Frame #       Departmental File       Secret File         Conveying Party(ies)       X       Mark if additional names of conveying parties attached (Second Party)       Execution Da Month Day         Name (line 1)       Sealtiel Avalos       3/10/99         Name (line 2)       Execution Da Month Day         Second Party       Mark if additional names of conveying parties attached (Second Party)       Execution Da Month Day         Name (line 2)       Second Party       Bark if additional names of receiving parties attached (Second Party)       Second Party         Name (line 2)       Image: Second Party       Image: Second Party       Second Party         Name (line 2)       Image: Second Party       Image: Second Party       Second Party         Name (line 2)       Image: Second Party       Image: Second Party       Image: Second Party         Name (line 2)       Image: Second Party       Image: Second Party       Second Party         Name (line 2)       Image: Second Party       Image: Second Party       Second Party         Address (line 1)       710-A East I-30       Coverting Parties Second Party       Second Party         Address (line 1)       Second Party       Second Party       <		Recordation)	License	Change of	f Name	
Corrective Document       USS Covernment Agencies)         Reel #       Frame #       Departmental File       Secret File         Conveying Party(ies)       Mark if additional names of conveying parties attached       Execution Data Month         Name (line 1)       Sealtiel Avalos       3/10/99         Name (line 2)       Execution Data Month       Second Party         Name (line 1)       Robert D. Kaylor       3/10/99         Name (line 2)       Execution Data Month       Second Party         Name (line 2)       If additional names of receiving parties attached         Receiving Party       Mark if additional names of receiving parties attache         Name (line 2)       If additional names of receiving parties attache         Name (line 1)       Cable Electronics, Inc.       If additional names of receiving parties attache         Name (line 1)       Cable Electronics, Inc.       If additional names of receiving parties attache         Name (line 2)       State Counter       States, an appoint         Address (line 3)       Garland       Texas       Topoda         Address (line 3)       Garland       Texas       Topoda         Cliv       State/Country       Zip Code       State/Country         Name       Address (line 3)       Address (line 3)       Address (li			Merger	Other		
Conveying Party(ies)       X       Mark if additional names of conveying parties attached       Execution Day Month         Name (line 1)       Sealtiel Avalos       3/10/99         Name (line 2)       Execution Day         Second Party       Mark if additional names of receiving parties attached         Name (line 1)       Robert D. Kaylor         Name (line 2)       3/10/99         Receiving Party       3/10/99         Name (line 2)       3/10/99         Receiving Party       3/10/99         Name (line 2)       3/10/99         Receiving Party       3/10/99         Name (line 2)       3/10/99         Receiving Party       Mark if additional names of receiving parties attached         Name (line 2)       1/10/04         Address (line 1)       Cable Electronics, Inc.         Address (line 1)       710-A East I-30         Address (line 2)       Address (line 3)         Address (line 3)       Garland         City       State/Country         Name       Cote         Address (line 3)       Address (line 3)         Address (line 3)       Address (line 4)         Address (line 3)       Address (line 4)	Corrective Documen	t	(F	U.S. Governm for Use ONLY by U.S. Govern	nment Agencies)	
Name (line 1)       Sealtiel Avalos       3/10/99         Name (line 2)       Execution Day         Second Party       Month Day         Name (line 1)       Robert D. Kaylor       3/10/99         Name (line 2)       3/10/99         Receiving Party       Mark if additional names of receiving parties attache         Name (line 2)       If document to be         Address (line 1)       710-A East I-30         Address (line 2)       Address (line 3)         Garland       Texas         City       Texas         State/Country       Zip Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       Address (line 3)         Address (line 4)       Address (line 4)						)
Name (line 1)       Sealtiel Avalos       3/10/99         Name (line 2)       Execution Day Month Day         Second Party       3/10/99         Name (line 1)       Robert D. Kaylor         Name (line 2)       3/10/99         Receiving Party       Mark if additional names of receiving parties attache is an assignment.         Name (line 2)       Image: Second Party         Address (line 1)       710-A East I-30         Address (line 2)       Image: Second Party         Address (line 2)       Image: Second Party         Address (line 3)       Garland         City       Texas         Enter for the first Receiving Party only.         Name       Image: Second Party         Address (line 3)       Image: Second Party         Address (line 4)       Image: Second Party         Address (line 4)       Image: Second Party         Address (line 4)       Image: Second Party         Addre			X Mark if additi	ional names of conveying		ecution Dat
Second Party       Execution Da Month Day         Name (line 1)       Robert D. Kaylor         Name (line 2)       3/10/99         Receiving Party       Mark if additional names of receiving parties attache is an assignment to be is an assignment to be is an assignment of a domestic representative to a domestic representative to a domestic representative to a domestic representative to a domestic formestic formestic formestic representative to a domestic formestic formes		alos				
Name (line 1)       Robert D. Kaylor       3/10/99         Name (line 2)		······································	· · · · · · · · · · · · · · · · · · ·		Exe	ecution Date
Name (line 2)         Receiving Party         Name (line 1)         Cable Electronics, Inc.         Name (line 2)         Address (line 1)         710-A East I-30         Address (line 2)         Address (line 3)         Garland         City         State/Country         Zip Code         Domestic Representative Name and Address         Enter for the first Receiving Party only.         Name         Address (line 1)         Address (line 2)         Address (line 3)         Garland         City         State/Country         Zip Code         Address (line 4)         Address (line 4)		Kaylor				
Name (line 1)       Cable Electronics, Inc.       If document to be is an assignment.         Name (line 2)       If document to be is an assignment.         Address (line 1)       710-A East I-30       States, an appoint of a domestic receiving party is consisted document.         Address (line 2)       If document to be is an assignment.       States, an appoint of a domestic receiving party is consisted document.         Address (line 3)       Garland       Texas       75043         City       State/Country       Zip Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       Address (line 2)         Address (line 3)       Address (line 4)	Name (line 2)					
Name (ine 2)       Is an assignment is a considered of the cecking party is a domiciled in the U States, an appoint of a domestic representative is a (Designation mus) separate documer Assignment.)         Address (line 2)       Image: Cell of the cell of	Receiving Party			Mark if additional nam	es of receiving partie	es attached
Name (line 2)       receiving party is a domiciled in the U States, an appoint of a domestic representative is a domiciled in the U States, an appoint of a domestic representative is a (Designation mus separate documer Assignment.)         Address (line 2)       Address (line 3)         Garland       Texas         City       State/Country         Zip Code         Domestic Representative Name and Address         Enter for the first Receiving Party only.         Name         Address (line 1)         Address (line 2)         Address (line 3)         Address (line 4)	Name (line 1) Cable Elec	tronics, Inc.				
Address (line 1)       710-A East I-30       of a domestic representative is in (Designment.)         Address (line 2)	Name (line 2)				receivin domicik	ig party is n ed in the Ur
Address (line 2)       Image: Comparison must separate document assignment.)         Address (line 3)       Garland       Texas       75043         Address (line 3)       Garland       Texas       Top Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       Address (line 1)       Address (line 2)         Address (line 3)       Address (line 4)       Image: Comparison must be compared and comparison must be compared and com	Address (line 1) 710 A F	H 20			ofado	omestic
Address (line 3)       Garland       Texas       75043         City       State/Country       Zip Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name			·····	····	(Design	ation must
City     Torado       State/Country     Zip Code       Domestic Representative Name and Address     Enter for the first Receiving Party only.       Name	· · · · · · · · · · · · · · · · · · ·				Assign	ment.)
Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name			State/Coun			
Address (line 1)   Address (line 2)   Address (line 3)   Address (line 4)	Domestic Representa	ative Name and A	Address			
Address (line 2)         Address (line 3)         Address (line 4)	Name					
Address (line 2) Address (line 3) Address (line 4)	Address (line 1)	·				
Address (line 3) Address (line 4)						
Address (line 4)			······			
					· · · · · · · · · · · · · · · · · · ·	
1999 JSHABAZZ 00000078 09150465 FOR OFFICE USE ONLY						
	1999 JSHABAZZ 00000078 09150	465	FOR OFFICE USE O	INLY		

FORM PTC Expires 06/30/99 OMB 0651-0027	D-1619B Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspond	ent Name and Address Area Code and Telephone Number 512-4	99-3600			
Name	Matthew J. Booth, Reg. No. 35,454				
Address (line 1)	Strasburger & Price, LLP				
Address (line 2)	600 Congress Ave., Ste. 2600				
Address (line 3)	Austin TX 78701				
Address (line 4)					
Pages	Enter the total number of pages of the attached conveyance document including any attachments.	# 3			
		mal numbers attached			
	he Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the	• • •			
· ··	ent Application Number(s) Patent Nun	nber(s)			
09/150,465					
		[			
lf this document i signed by the first	s being filed together with a <u>new</u> Patent Application, enter the date the patent application was st named executing inventor.	S Month Day Year			
Patent Coop	peration Treaty (PCT)				
Ente	PCT PCT application number	PCT			
	rif a U.S. Application Number PCT PCT PCT	РСТ			
Number of F	Properties Enter the total number of properties involved. # 1				
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41): \$ 40	]			
	of Payment: Enclosed X Deposit Account				
	payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 194	1547			
	Authorization to charge additional fees: Yes				
Statement a	nd 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 documen. Charges to deposit account are authorized, as					
indical	red herein.				
	oth, Reg. No. 35,454	5-10-19			
Name	of Person Signing Signature/	Date * (			

FORM PTC Expires 06/30/99 OMB 0651-0027	CONTINUATION	U.S. Department of Commerce Patent and Trademark Office PATENT
Conveying Enter additiona	Party(ies) Mark if additional names of conveying parties attached al Conveying Parties	ed Execution Date Month Day Year
Name (line 1)	Robert F. Kessler	3/10/99
Name (line 2)		Execution Date
Name (line 1)		Month Day Year
Name (line 2)		Execution Date
Name (line 1)		Month Day Year
Name (line 2)		
<b>Receiving</b>	Party(ies) Mark if additional names of receiving p	arties attached
Enter additiona	al Receiving Party(ies)	
Name (line	1)	If document to be recorded is an assignment and the
Name (line :	2)	receiving party is not domiciled in the United States, an appointment
Address (line	1)	of a domestic representative is attached. (Designation must be a separate
Address (line	2)	document from Assignment.)
Address (line		Code
Name (line	1)	If document to be recorded is an assignment and the
Name (line	2)	receiving party is not domiciled in the United
Address (line	1)	States, an appointment of a domestic representative is attached. <i>(Designation must</i>
Address (line :	2)	be a separate document from Assignment.)
Address (line		
	City       State/Country       Z         Number(s) or Patent Number(s)       Mark if additional numbers attach         the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the Patent Number (DO NOT ENTER BOTH numbers)	
	Patent Application Number(s) Patent Nu	mber(s)
l		

C

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, we, Sealtiel Avalos, Robert D. Kaylor, Robert F. Kessler, the undersigned, hereby sell, assign, and transfer to Cable Electronics, Inc., a corporation of Texas, having its principal place of business at 710-A East I-30, Garland, Texas 75043 ("ASSIGNEE"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, U.S. Pat. App. Ser. No. 09/150,465, filed September 9, 1998, and entitled:

"Multichannel Television Sound Stereo and Surround Sound Encoder Suitable for Use with Video Signals Encoded in Plural Formats"

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights or priority resulting from the filing of said United States application;

AND WE HEREBY AUTHORIZE ASSIGNEE to make applications for and to receive Letters Patent for said invention in any foreign countries in its own name, or in our name at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that we will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of ASSIGNEE execute any continuations, divisions, reissues, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

205154.1/SPA/19082/0105/022399

AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said as sole assignee.

WITNESS OUR hands and seals:

Date: <u>NAPCH - 10</u>, 19989

STATE OF TEXAS § SCOUNTY OF DALLAS §

On the above date, the above named person personally appeared before me, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (or she) (they) executed the same, of his (or her) (their) own free will and for the purposes set forth.



Notary Public in and for THE STATE OF T E X A S

205154.1/SPA/19082/0105/022399

Bilert D. Kaylor

STATE OF TEXAS § § COUNTY OF DALLAS

On the above date, the above named person personally appeared before me, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (or she) (they) executed the same, of his (or her) (their) own free will and for the purpose's set forth.



Notary Public in and for THE STATE OF T E X A S

Date: 3~10 ,1999

ROBERT F. KESSLER

STATE OF TEXAS § COUNTY OF TRAVIS §

On the above date, the above named person personally appeared before me, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (or she) (they) executed the same, of his (or her) (their) own free will and for the purposes set forth.



Notary Public in and for THE STATE OF T E X A S

205154.1/SPA/19082/0105/022399

**RECORDED: 05/13/1999**