(Rev. 0/93)	J.S. DEPARTMENT OF COMMERCE Patent And Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please r	
 Name of conveying party(ies): Wolfgang Bachmann Gerhard Krump Hans-Jurgen Regl Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance: 	2. Name and address of receiving party(ies): Name: <u>Harman Audio Electronic Systems GmbH</u> Internal Address: Internal Address: Internal Address: Internal Address: Street Address: Schlesische Straße 135
 Assignment Merger Security Agreement Change of Name Other <u>Please correct serial number submitted on</u> previous Assignment Recordation Form Cover Sheet Execution Date: November 30, 2000 	City: <u>Straubing</u> Country: <u>Germany</u> Zip: <u>94315</u> Additional name(s) & addresses attached? Yes X No
 4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 09/719,279 	ion, the filing date of the application is: B. Patent No.(s):
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Patent Group	 tached? ☐ Yes ⊠ No 6. Total number of applications and patents involved (1)
Internal Address: <u>Foley, Hoag & Eliot LLP</u>	 7. Total Fee (37 CFR 3.14)\$40.00 ☑ Enclosed ☑ Authorized to be charged to deposit account
City: <u>Boston</u> State: <u>MA</u> ZIP: 02109	 8. Deposit account number: 06-1448, Ref. (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document.	
Kirk A. Damman, Reg. No. 42,461 Name of Person Signing and Reg. No.	Signature 5/22/01 Date
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Form PTO-1595] (Rev. 6/93)	T U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp. 4/94)	
To the Honorable Commiss. 10162/984 1. Name of conveying party(ies):	ord the attached original documents or coy thereof.2.Name and address of receiving party(ies)
1. Name of conveying party(ies):	2. Name and address of receiving party(res)
Wolfgang Bachmann	Name: <u>Harman Audio Electronic Systems GmbH</u>
Gernhard Krump Hans-Jürgen Regl	Internal Address:
Additional name(s) of conveying party(ies) attached? () Yes (x) No	Street Address: <u>Schlesische Straße 135</u>
3. Nature of conveyance:	City: <u>Straubing</u> Country: <u>GERMANY</u>
(x) Assignment () Merger	Zip: 94315
() Security Agreement () Chang of Name () Other	$\frac{1}{2} = \frac{1}{2} $
	Additional name(s) & address(es) attached? () Yes (x) No
Execution Date: <u>11/30/00</u>	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application A. Patent Application No.(s):	n, the execution date of the application is: B. Patent No.(s)
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09//719,729 filed December 8, 2000	
Additional number	s attached? () Yes (x) No
5. Name and address of party to whom correspondence	6. Total number of Applications and patents involved: (1)
concerning document should be mailed:	
Name: Foley, Hoag & Eliot LLP	
Internal Address: <u>Patent Group at Customer Number 25181</u>	
Street Address: <u>One Post Office Square</u>	
City: Boston State: MA	
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Washington, DC 20231	

PATENT REEL: 011834 FRAME: 0564

ASSIGNMENT

WHEREAS, each of the Undersigned has developed certain inventions described in U.S. patent application titled PANEL LOUDSPEAKER (X) executed on even date herewith; () executed on _____; () now U.S. Application No. __/____ filed _____; and has full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Harman Audio Electronic Systems GmbH ("ASSIGNEE"), a German corporation having executive offices at Schlesische Straße 135, 94315 Straubing, GERMANY, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor,

NOW, THEREFORE, in consideration of the sum of One Dollars (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the Undersigned, each of the Undersigned hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND each of the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, each of the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Each of the undersigned hereby authorizes Foley, Hoag & Eliot, of One Post Office Square, Boston, MA 02109, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date Signed

Inventor(s) men 1 Wolfgang BACHMANN Name:

erhard KRUM

Hans-Jürgen REGL Name[.]

30. 24.00

Witness(es)

20. 11. 00

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RECORDED: 05/25/2001