10/9/77 10-25-19	99
FORM PTO-1595 (Rev. 6-93) OM5 No. 0651-0011 (exp. 4/94)	R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings ⇒ ⇒ ⇒ ▼ 10118103  To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Thomas P. Heed Kirk R. Bristol William J. Malinowski, Jr. Additional name(s) of conveying party(ies) attached? © Yes © No	2. Name and address of receiving party(ies)  Harman International  Name: Industries, Incorporated  Internal Address:
3. Nature of conveyance:	
23 Assignment C3 Merger	Street Address: 8500 Balboa Boulevard
☐ Security Agreement ☐ Change of Name	
□ Other	City: Northridge State: CA ZIP:
September 7, 1999,  Execution Date: September 7, 1999 and  September 17, 1999 respectively	Additional name(s) & address(es) attached? □ Yes ☒ No
4. Application number(s) or patent number(s):	September 7, 1999 September 7, 1999 and
If this document is being filed together with a new application	on, the execution date of the application is: September 17, 1999
A. Patent Application No.(s)	respectively  B. Patent No.(s)
Additional numbers a	ttached? D Yes 🖫 No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved: 1
Name: Barnes & Thornburg	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: Richard D. Conard	☑ Enclosed
	☐ Authorized to be charged to deposit account
10/1 <b>% Type Add MRRC</b> :00000008 09411947 04 FC:081 11 South Meridian Street	8. Deposit account number:  10-0435
City: Indianapolis State: IN ZIP: 46204	(Attach duplicate copy of this page if paying by deposit account)
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the original document  Richard D. Conard  Name of Person Signing	nation is true and correct and any attached copy is a true copy of  October 4, 1999  Signature Cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Express Mail No.: EM465652470US

ASSIGNMENT TO BUSINESS CONCERN

"Not Applicable"

Attorney Docket No.:	1039-63010
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## ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,	
Name(s)	Thomas P. Heed	
of Inventor(s)	Kirk R. Bristol	
	and,	
	William J. Malinowski, Jr,	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled	
Title of Application	Diaphragm Stable Through Hygroscopic Cycling	
<b>.</b>	which has been executed by the undersigned on	
Date of signing of Application by each inventor	, and	
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	Harman International Industries, Incorporated	
Address of	850() Balboa Boulevard	
orincipal place of pusiness	Northridge, California	
nsert State of		
ncorporation if applicable) or	a corporation of <u>Delaware</u>	

(bereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4/97

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

	WHEREOF, I have executed this assignment a	thisday
Outside the USA: Witnesses are	Witness	Inventor (Signature)
required when acknowledgment before a Notary		Thomas P. Heed
Public is not feasible.	Witness	Inventor (Printed Name)
	ACKNOWLE	DGMENT
STATE OF	} } SS:	
Acknowledged	before me, a Notary Public, within and for	said County and State. Witness my hand and Notarial Seal this  Lie County Description
		RAE ANN WILSON Printed Name
My Commission Expire	es: 8/25/2000	Resident of Morgan County

4/97

PATENT REEL: 010322 FRAME: 0848