12-06-1999



ITMENT OF COMMERCE lant and Trademark Office FORM PTO-1595 RECORDATION FO PATEN' OMB No. 0651-0011 (exp. 4/94) 101215010 Tab sottings □ □ □ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party 2. Name and address of receiving party(ies) Harman International Industries, Name: Thomas P. Heed Internal Address:_ Additional name(s) of conveying party(les) attached? **Q Yes **QXNo 3. Nature of conveyance: 8500 Balboa Boulevard Street Address: C: Assignment ☐ Merger P. O. Box Box 2200 ☐ Change of Name D Security Agreement ZIP: 91329 Northridge State: E: Other ___ November 15, 1999 Execution Date: Additional name(s) & address(es) attached? C. Yes CX No. Application number(s) or patent number(s): 11/15/99 It this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? D Yes 17 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Richard D. Conard 7. Total fee (37 CFR 3.41)......\$ 40.00 BARNES & THORNBURG 1) S. Meridian St. □ Enclosed MPEOPLES WHOODEN opposis, IN 46204 Authorized to be charged to deposit account 40.00 00 Street Address:____ 8. Deposit account number: City State: ZIP: (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 information is true and correct and any attached copy is a true copy of the original document. Michael Dimand

Richard D. Conard

11/18/99

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

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

> PATENT REEL: 010410 FRAME: 0288

ASSIGNMENT TO BUSINESS CONCERN

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and variable consideration paid to each of the undersigned,		
Name(s) of Inventor(s)	Thomas P. Heed		
	and,		
	maker(s) of an invention which is the subject of an application for Letters Patent of the United Stat ("Application") entitled		
Title of Application	OFFSET APEX SPIDER		
Date of signing of Application by	which has been executed by the undersigned on 11/15/99,, and,		
each inventor	the undersigned hereby sell(s), assign(s), and set(s) over to		
Name of Assignee	Harman International Industries, Incorporated		
Address of principal place of business	8500 Balboa Boulevard, P.O. Box 2200 Northridge, CA 91329		
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of <u>Delaware</u>		

(hereinafter 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.

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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.

of November	WHEREOF, I have executed this assig	nument at Martinsville, Indiana this 15th day
Outside the USA: Witnesses are required when	Witness	Inventor (Signature)
acknowledgment before a Notary		THOMAS P. HEED
Public is not feasible.	Witness	Inventor (Printed Name)
	ACKN	OWLEDGMENT
STATE OF) }	
COUNTY OF)	
Acknowledgeday of	November, 1999	and for said County and State. Witness my hand and Notarial Seal this Notary Public
		Printed Name
My Commission Expir	res: <u>810./0000</u>	Resident of Manager County

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PATENT REEL: 010410 FRAME: 0290