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Additional name(s) or conveying party(ies) attached?	Internal Address:
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3. Nature of conveyance	678 S. Hillview Drive
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4. Application number(s) or patent number(s):	
A. Patent Application No(s)	B. Patent No.(s)
A. Patent Application No(s) 00 NROCHA1 00000015 190033 09689932	B. Patent No.(s)
	tached? Yes X No
00 NROCHA1 00000015 190033 09689932 \ 40.00 CH Additional numbers at	
Additional numbers at: 5. Name and address of party to whom correspondence	tached? Yes X No
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PATENT REEL: 011241 FRAME: 0081

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	For X Application or U.S. Patent			
	By X Inventor(s) or Present Owner			
ASSIGNMENT OF INVENTION				
In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,				
ASSIGNOR:				
CHENG T. HORNG Type or print name of ASSIGNOR	RU-YING TONG			
	Type or print name of ASSIGNOR			
7/74 CALCATERRA DR	Address DE BAIN DE			
SAN JOSE, CA 95/20	SAN 255 CA 95130			
U.S.A.	U.S.A			
Nationality	Nationality			
CHEN-JUNG CHIEN Type or print name of ASSIGNOR 180 Elm Court. #1315 Address Sunnyvalc. CA 94086				
Type or print name of ASSIGNOR				
Address				
Sunnyvale, CA 94086				
Taiwan.				
Nationality				
ASSIGNEE:				
Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, Ca 95035 Usa Nationality				
and the successors, assigns and legal representatives of the ASSIGNEE (complete one of the following)				
the entire right, title and interest an undivided percent (%) interest for the United States and its territorial possessions (check the following box/f foreign rights are also to be assigned) (check the following countries)				
x and in all foreign countries	are disclosed in the invention entitled:			
in and to any and all improvements which	are disclosed in the inventorial			

Robust Hard Bias/Conductor Lead Structures For Future GMR Heads

PATENT REEL: 011241 FRAME: 0082

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	For X Application or U.S. Patent			
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ASSIGNMENT OF INVENTION				
In consideration of the payment by ASSIGNE receipt of which is hereby acknowledged, and	EE to ASSIGNOR of the sum of One Dollar (\$1.00), the d for other good and valuable consideration,			
ASSIGNOR:				
CHERNG-CHYI HAW Type or print name of ASSIGNOR 3487 Varner CL Address	MAO-MIN CHGN Type or print name of ASSIGNOR 1025 Wadview pl. Address			
San JOSE CA 95/32	5. J. CA 95120			
Nationality	U.S.A			
Type outfint name of ASSIGNOR 6234 Camino Del Lasco Address Pleasonter CA 94586 Nationality ASSIGNEE: Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, Ca 95035 Usa				
Nationality				
and the successors, assigns and legal repre-	esentatives of the ASSIGNEE one of the following)			
(check the following box/f fore	b) interest for the United States and its territorial possessions eign rights are also to be assigned)			
x and in all foreign countries	displaced in the invention entitled:			
in and to any and all improvements which a	are disclosed in the invention states a			

Robust Hard Bias/Conductor Lead Structures For Future GMR Heads

PATENT REEL: 011241 FRAME: 0083

and which	n is found in		
(a)	U.S. patent application executed on even date	e herewith	
(a) X	U.S. patent application executed on 323		$\int \! \omega$
(c)	U.S. application serial no.	•	
(d)	U.S. patent no.		
, <u> </u>	(also check (e) if foreigr		
(e)	and any legal equivalent thereof in a foreign of	ountry, including	the right to clam priority
	and to, all Letters Patent to be obtained for son, division, renewal, or substitute, thereof, and a	· ·	•
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pertinent may be kn proceedin any and a applicatio or desiration	FIGNOR further covenants that ASSIGNEE will facts and documents relating to said invention anown and accessible to ASSIGNOR and will testing related thereto and will promptly execute and all papers, instruments or affidavits required to a on, said invention and said Letters Patent and sole to carry out the purposes thereof. ESS WHEREOF, I / We have signed this \(\int\lambda\gamma\gamma\left\left\left\right\right\rightarrow\gamma\left\left\left\right\	and said Letters f fy as to the same deliver to ASSIG pply for, obtain, r said equivalents t	Patent and legal equivalents as in any interference, litigation or NEE or its legal representatives maintain, issue and enforce said
WARNING	G Date of signing must be the same as the date of execution		item (a) was checked above.
		Signature of Agrical	T. Horng ORIS) Chel
If ASSIGN	NOR is a legal entity complete the following informate	ion	
		Type or print the nan behalf of ASSIGNOR	ne of the above person authorized to sign on
		Title	
No	te: No witnessing, notarization or legalization is necessary, if the assign	ment is notarized or legaliz	red then it will only be prima facie evidence (35 USC

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and which is found in	
(a) U.S. patent application executed on even date	e herewith
(b) χ U.S. patent application executed on $2/28$	
(c) U.S. application serial no.	·
(d) U.S. patent no.	
	application(s) is also being assigned)
(e) and any legal equivalent thereof in a foreign of	ountry, including the right to clam priority
and, in and to, all Letters Patent to be obtained for continuation, division, renewal, or substitute, thereof, and a thereof.	• • • • • • • • • • • • • • • • • • • •
ASSIGNOR hereby covenants that no assignment, so be made or entered into which would conflict with this as	
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IN WITNESS WHEREOF, I / We have signed this (Date of si	
WARNING Date of signing must be the same as the date of execution	on of the application if item (a) was checked above.
	Signature of ASSIGNORIS) Character of ASSIGNORIS) Character of ASSIGNORIS)
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	Type or print the name of the above person authorized to sign on
	behalf of ASSIGNOR
	Title
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