PATENT REEL: 015345 FRAME: 0722

HTIRC02-015	For x U.S. and/or x Foreign Rights		
	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:			
JEIWEI CHANG Type or print name of ASSIGNOR	STUART KAO Type or print name of ASSIGNOR		
7680 NORMANDY WAY Address CUPERTIND, CA 95014	Address Tigger T		
USA	TREMONT, CASGS		
Nationality	Nationality		
CHAOSENECHEN Type or print name of ASSIGNOR 1157 Bedford St Address Evenont, (A 94539	CHUNPING LUO Type or print name of ASSIGNOR 2145 Calle Vista Verde Address Milpitas, CA 95035		
ÜS A Nationality	P.R. China 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) x the entire right, title and interest			
an undivided percent (%)) interest for the United States and its territorial possessions ign rights are also to be assigned)		
in and to any and all improvements which are	e disclosed in the invention entitled:		

Cpp Head With Parasitic Shunting Reduction

PATENT REEL: 015345 FRAME: 0723

HTIRC02-015	For x U.S. and/or x Foreign Rights	
	For X Application or U.S. Patent	
	By X Inventor(s) or Present Owner	
ASSIGNMENT OF INVENTION		
In consideration of the payment by ASSIGNEI receipt of which is hereby acknowledged, and	E to ASSIGNOR of the sum of One Dollar (\$1.00), the for other good and valuable consideration,	
ASSIGNOR:		
Type or print name of ASSIGNOR 15840 Lancaster Roy Address Monte Sereno, CA95030 Nationality ASSIGNEE: Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, Ca 95035 Usa Nationality	Type or print name of ASSIGNOR 39639 Les Life St #277 Address Fremont, CA 94538 P.R. Ching Nationality	
and the successors, assigns and legal repres		
(complete one of the following) $\overline{\mathbf{x}}$ the entire right, title and interest		
	interest for the United States and its territorial possessions	
`	n rights are also to be assigned)	
x and in all foreign countries		
in and to any and all improvements which are	disclosed in the invention entitled:	

Cpp Head With Parasitic Shunting Reduction

PATENT REEL: 015345 FRAME: 0724

and which is found in		
 (a) U.S. patent application executed on even date herewith (b) ✓ U.S. patent application executed on 10/17/03 € 10/20/03 (c) U.S. application serial no filed on		
(d) U.S. patent noissued		
(also check (e) if foreign application(s) is also being assigned)		
(e) x and any legal equivalent thereof in a foreign country, including the right to clam priority		
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.		
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.		
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.		
IN WITNESS WHEREOF, I / We have signed this(Date of signing)		
WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. Signature of ASSIGNOR(s) Linguing Lato Gricue: If ASSIGNOR is a legal entity complete the following information		
Type or print the name of the above person authorized to sign or behalf of ASSIGNOR		

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC

Title

261). Use next page if notarization is desired.

___Notarization of Legalization Page Added.

and which is found in		
(a) U.S. patent application executed on even dat	e herewith	
(b) Y U.S. patent application executed on		
(c) U.S. application serial no.	filed on	
(d) U.S. patent no.	issued	
	n application(s) is also being assigned)	
(e) x and any legal equivalent thereof in a foreign	country, including the right to clam priority	
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.		
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.		
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.		
IN WITNESS WHEREOF, I / We have signed this		
WARNING Date of signing must be the same as the date of execut	tion of the application if item (a) was checked above.	
	Signature of Assignar(s)	
If ASSIGNOR is a legal entity complete the following information Type or print the name of the above person authorized to sign on behalf of ASSIGNOR		
Note: No witnessing, notarization or legalization is necessary, if the assign	Title ment is notarized or legalized then it will only be prima facie evidence (35 USC	

261). Use next page if notarization is desired.

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RECORDED: 12/12/2003 REEL: 015345 FRAME: 0726

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