# 502563316 11/08/2013

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2609077

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	′ DATA				
Name				Execution Date	
HAO ZHOU				06/13/2013	
YONGXU WANG				06/13/2013	
RECEIVING PARTY	DATA				
Name:	MARVELL TE	MARVELL TECHNOLOGY (SHANGHAI) LTD.			
Street Address:	BUILDING 4,	399 KE	YUAN ROAD		
City:	SHANGHAI	SHANGHAI			
State/Country:	CHINA				
Postal Code:	201203				
Dranart	, T.mo		Number		
Property			Number		
Application Number	:	138575			
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PATENT REEL: 031571 FRAME: 0200

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#### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

### Hao ZHOU, Yongxu WANG and Haiqing ZHANG

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

### HEADPHONE AMPLIFIER

was filed on April 5, 2013, as Application Serial No. 13/857,580;

Do hereby sell, assign and transfer to Marvell Technology (Shanghai) Ltd., a corporation of China, having a place of business at Building 4, 399 Ke Yuan Road, Shanghai, China, 201203, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties;

Do hereby further sell, assign and transfer to Marvell Technology (Shanghai) Ltd., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Applications(s) No(s). 61/620,928, filed April 5, 2012, entitled, HEADPHONE AMPLIFIER and to any and all inventions described in said provisional patent application(s) for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be entitled to the benefit thereof in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties;

Agree that Marvell Technology (Shanghai) Ltd., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of Inventor:		
Hao ZHOU		
Inventor's Signature:		Date: Month/Day/Year
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PATENT REEL: 031571 FRAME: 0201 Docket#: MP4545/410724US116

PATENT

Full Name of Inventor:	
Yongxu WANG	
Inventor's Signature:	Date: Month/Day/Year
Youth Want	6.13.2013
V	
Full Name of Inventor:	
Haiqing ZHANG	
Inventor's Signature,	Date: Month/Day/Year
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