504473381 07/25/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUEYUAN ZHANG	06/30/2017

RECEIVING PARTY DATA

Name:	SHANGHAI HUALI MICROELECTRONICS CORPORATION
Street Address:	497 GAOSI ROAD, ZHANGJIANG HI-TECH PARK, PUDONG
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201210

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15659577

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	TC17030063US
NAME OF SUBMITTER:	YUAN R. LI
SIGNATURE:	/Yuan R. Li/
DATE SIGNED:	07/25/2017

Total Attachments: 2

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PATENT 504473381 REEL: 043095 FRAME: 0607

ASSIGNMENT-TC17030063US

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

STRUCTURE AND GENERATION METHOD OF CLOCK DISTRIBUTION NETWORK

for which I/We executed an application for United States Letters Patent concurrently herewith or filed

an application for United States Letters Patent on	(Application No); and
WHEREAS, Shanghai Huali Microelectronics C	Corporation, a corporation o	of <u>P.R. China</u> whose
post office address is No.497, Gaosi Road, Zhangjiang	High-Tech Park, Pudong	, Shanghai, China
201210 (hereinafter referred to as Assignees), and are de-	esirous of securing the ent	tire right, title, and
interest in and to this invention in all countries throughou	ut the world, and in and to	the application for
United States Letters Patent on this invention and the Lett	ters Patent to be issued upo	on this application;
NOW THEREFORE, be it known that, for go	od and valuable considera	ation the receipt of
which from Assignees is hereby acknowledged, I/We, as	Assignor(s), have sold, ass	signed, transferred,
and set over, and do hereby sell, assign, transfer, and set	over unto the Assignees, its	s lawful successors
and assigns, my/our entire right, title, and interest in a	ad to this invention, provi	sional Application
No, filed (if any), and this app	lication, and all divisions,	and continuations
thereof, and all Letters Patent of the United States which m	ay be granted thereon, and	all reissues thereof,
and all rights to claim priority on the basis of the above	provisional application (if	any), as well as all
rights to claim priority on the basis of this application, and	l all applications for Letters	s Patent which may
hereafter be filed for this invention in any foreign country	y and all Letters Patent wh	ich may be granted
on this invention in any foreign country, and all extension	ons, renewals, and reissues	s thereof; and I/We
hereby authorize and request the Commissioner of Patents	and Trademarks of the Ur	nited States and any
official of any foreign country whose duty it is to issue p	patents on applications as o	described above, to
issue all Letters Patent for this invention to Assignees, it	ts successors and assigns,	in accordance with
the terms of this Assignment;		
AND, I/WE HEREBY covenant that I/We have	the full right to convey the	ne interest assigned
by this Assignment, and I/WE have not executed and wi	ll not execute any agreeme	ent in conflict with
this Assignment;		
AND. I/WE HEREBY further covenant as	nd agree that I/WE wil	l, without further

consideration, communicate with Assignees, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such

papers shall be borne by the Assignees, its successors and assigns.

PATENT REEL: 043095 FRAME: 0608

ASSIGNMENT-TC17030063US

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IN TESTIMONY WHEREOF, I/WE have hereunto set our hands.

Inventor:

Name:

Xueyuan Zhang

Address:

No.497, Gaosi Road, Zhangjiang High-Tech Park,

Pudong Shanghai, China 201210

Signature:

RECORDED: 07/25/2017

Date:

PATENT REEL: 043095 FRAME: 0609