503079677 12/01/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUN CHIH HUANG	11/20/2014
YIN YU LIN	11/20/2014
CHIH-LUNG CHANG	11/20/2014

RECEIVING PARTY DATA

Name:	GIGA-BYTE TECHNOLOGY CO., LTD.
Street Address:	NO.6, BAU CHIANG RD., HSIN-TIEN DIST.,
City:	NEW TAIPEI CITY
State/Country:	TAIWAN
Postal Code:	231

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14556302

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: HDLS IPR SERVICES
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ATTORNEY DOCKET NUMBER:	GB-1408-057US
NAME OF SUBMITTER:	PIN PIN HUANG
SIGNATURE:	/Pin Pin Huang/
DATE SIGNED:	12/01/2014

Total Attachments: 3

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PATENT 503079677 REEL: 034283 FRAME: 0639

Docket No.:

GB-1408-057US (US103058GB)

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

DISPLAY CIRCUIT OF SWITC		NAL DISPLAY PORTS itle of Invention)	
As a below named inventor, I	hereby declare th	nat:	
This declaration is directed to	:		
[x] The attached applicatio	n,		
OR			
[] United States Application	on Number or PC	T International Application number _	
filed on		_	
The above-identified applicati	on was made or a	authorized to be made by me.	
I believe that I am the original	inventor or an or	iginal joint inventor of a claimed inve	ntion in the application
I have reviewed and understa	nd the contents o	of the above-identified application, inc	cluding the claims.
I acknowledge the duty to disc of Federal Regulations § 1.56		which is material to patentability as o	defined in Title 37, Coo
patent, utility model, design o	r inventor's certifi v model, design c	e 35, United States Code, §119 of any icate listed below and have also ider or inventor's certificate having a filing	ntified below any foreig
Prior Foreign Application(s) Number	Country	Date Filed	Priority Claimed Yes No
103136447	TW	2014/10/22	V

Direct all Correspondence to:

The address associated with Customer Number <u>84956</u> (HDLS IPR Services)
Telephone: (571) 276-5506 • Facsimile (571) 282-6420

PATENT REEL: 034283 FRAME: 0640

Docket No.:

GB-1408-057US (US103058GB)

WHEREAS Giga-Byte Technology Co., Ltd.

who's address is No.6, Bau Chiang Rd., Hsin-Tien Dist., New Taipei City 231, Taiwan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof:

NOW THIS WITNESSETH, that for a good and valuable consideration received by me, I hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as I might or could have held and enjoyed the same, if this assignment had not been made.

AND I hereby agree to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND I authorize and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof,

to said assignee, and said assignee's successors and assigns, in accordance herewith.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: Legal Name of

Luany, Shun chik Sole or First Inventor: Huang, Shun Chih

No.6, Bau Chiang Rd., Hsin-Tien Dist., New Taipei City

Residence and Mailing Address:

231, Taiwan

Docket No.: GB-1408-057US

(US103058GB)

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

Signature: Legal Name of Second Joint Inventor: Residence and Post Office Address:	No.6, Bau Chiang Rd. 231, Taiwan	Date: ., Hsin-Tien Di	November 20, 2014 st., New Taipei City
Signature: Chang, Ch Legal Name of Third Joint Inventor: Chang, Chih-Lung Residence and Post Office Address:	g No.6, Bau Chiang Rd. 231, Taiwan		November 20, 2014 st., New Taipei City
Signature: Legal Name of Fourth Joint Inventor:		Date:	November 20, 2014
Residence and Post Office Address: Signature: Legal Name of Fifth Joint Inventor:		Date:	November 20, 2014
Residence and Post Office Address: Signature: Legal Name of		Date:	November 20, 2014
Sixth Joint Inventor: Residence and Post Office Address:		Doto	Newamber 20, 2014
Signature: Legal Name of Seventh Joint Inventor: Residence and Post Office Address:	· · · · · · · · · · · · · · · · · · ·	Date:	November 20, 2014

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