

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5543921

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHIJIONG LUO	09/12/2017
SHU WANG	09/15/2017
XIAOMING JIN	09/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASPIRING SKY CO. LIMITED
<b>Street Address:</b>	ROOM 1501- D1, GRAND MILLENNIUM PLAZA
<b>Internal Address:</b>	181 QUEEN'S ROAD CENTRAL
<b>City:</b>	HONG KONG
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15704011
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	3525059200
<b>Email:</b>	ip-paralegal@turkiplaw.com
<b>Correspondent Name:</b>	PARMINDER SINGH
<b>Address Line 1:</b>	3022 S. MORGAN POINT ROAD
<b>Address Line 2:</b>	NO.255
<b>Address Line 4:</b>	MOUNT PLEASANT, SOUTH CAROLINA 29466
<b>ATTORNEY DOCKET NUMBER:</b>	1760.0001USU2
<b>NAME OF SUBMITTER:</b>	CARL K TURK
<b>SIGNATURE:</b>	/Carl K Turk/
<b>DATE SIGNED:</b>	05/29/2019
<b>Total Attachments: 6</b>	
source=1760.0001USU2_Assignments As Filed_2019-05-29#page1.tif	
source=1760.0001USU2_Assignments As Filed_2019-05-29#page2.tif	
source=1760.0001USU2_Assignments As Filed_2019-05-29#page3.tif	

source=1760.0001USU2\_Assignments As Filed\_2019-05-29#page4.tif

source=1760.0001USU2\_Assignments As Filed\_2019-05-29#page5.tif

source=1760.0001USU2\_Assignments As Filed\_2019-05-29#page6.tif

PATENT ASSIGNMENT

I Zhijiong LUO (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “HYBRID NON-VOLATILE MEMORY STRUCTURES AND METHODS THEREOF” (“APPLICATION”), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representatives, of Aspiring Sky Co., Limited, Room 1501- D1, Grand Millennium Plaza (Lower Block), 181 Queen's Road Central, HONG KONG, who are associated with customer number 87140, to insert here in parentheses (filed on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION’s Application No., filing date, and Office, when known;
- was filed on September 14, 2017 and was given Application No15/704,011 by the following Office “US-United States Patent and Trademark Office”;

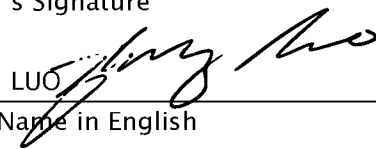
Aspiring Sky Co., Limited, a corporation organized and existing under and by virtue of the laws of Hong Kong, and having an office and place of business at Room 1501- D1, Grand Millennium Plaza (Lower Block), 181 Queen's Road Central, HONG KONG, on behalf of itself and its successors and assigns (“ASSIGNEE”), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries (“APPLICATION DERIVATIVES”));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office


For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature 	Date
Zhijiong LUO	09/12/2017
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Shu WANG (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “ HYBRID NON-VOLATILE MEMORY STRUCTURES AND METHODS THEREOF” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representatives, of Aspiring Sky Co., Limited, Room 1501- D1, Grand Millennium Plaza (Lower Block), 181 Queen’s Road Central, HONG KONG, who are associated with customer number 87140, to insert here in parentheses (filed on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION’s Application No., filing date, and Office, when known;

was filed on September 14, 2017 and was given Application No15/704,011 by the following Office “US-United States Patent and Trademark Office”;

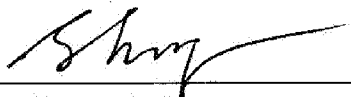
Aspiring Sky Co., Limited, a corporation organized and existing under and by virtue of the laws of Hong Kong, and having an office and place of business at Room 1501- D1, Grand Millennium Plaza (Lower Block), 181 Queen's Road Central, HONG KONG, on behalf of itself and its successors and assigns (“ASSIGNEE”), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries (“APPLICATION DERIVATIVES”));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office


For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature 	Date 2017/09/15
Printed Name in English Shu WANG	Printed Name in Native Language (if other than English) 王澍

PATENT ASSIGNMENT

I Xiaoming JIN (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “HYBRID NON-VOLATILE MEMORY STRUCTURES AND METHODS THEREOF” (“APPLICATION”), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representatives, of Aspiring Sky Co., Limited, Room 1501- D1, Grand Millennium Plaza (Lower Block), 181 Queen’s Road Central, HONG KONG, who are associated with customer number 87140, to insert here in parentheses (filed on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION’s Application No., filing date, and Office, when known;
- was filed on September 14, 2017 and was given Application No 15/704,011 by the following Office “US-United States Patent and Trademark Office”;

Aspiring Sky Co., Limited, a corporation organized and existing under and by virtue of the laws of Hong Kong, and having an office and place of business at Room 1501- D1, Grand Millennium Plaza (Lower Block), 181 Queen's Road Central, HONG KONG, on behalf of itself and its successors and assigns (“ASSIGNEE”), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries (“APPLICATION DERIVATIVES”));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office


For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

<table border="1"> <tr> <td>Inventor's Signature <i>Xiaoming Jin</i></td> <td>Date 2017/09/15</td> </tr> <tr> <td>Printed Name in English Xiaoming JIN</td> <td>Printed Name in Native Language (if other than English) 金晓明</td> </tr> </table>		Inventor's Signature <i>Xiaoming Jin</i>	Date 2017/09/15	Printed Name in English Xiaoming JIN	Printed Name in Native Language (if other than English) 金晓明
Inventor's Signature <i>Xiaoming Jin</i>	Date 2017/09/15				
Printed Name in English Xiaoming JIN	Printed Name in Native Language (if other than English) 金晓明				