

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5680648

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIE XU	08/13/2019
ZHENGYUE XIA	08/13/2019
XINCHUN YAN	08/13/2019
MINJIE ZHU	08/13/2019
GANG LU	08/13/2019
GUOQIANG XING	08/13/2019

RECEIVING PARTY DATA

Name:	CSI SOLAR POWER GROUP CO., LTD.
Street Address:	NO. 199 LUSHAN ROAD
Internal Address:	SUZHOU NEW DISTRICT
City:	SUZHOU JIANGSU 215129
State/Country:	CHINA
Name:	CANADIAN SOLAR MANUFACTURING (CHANGSHU) INC.
Street Address:	NO.2 CHANGSHENG ROAD, XINZHUANG INDUSTRY PARK
City:	CHANGSHU, SUZHOU JIANGSU 215562
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29702775

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	00436.0019US01
NAME OF SUBMITTER:	JASON A. MURPHY
SIGNATURE:	/JASON A. MURPHY/
DATE SIGNED:	08/22/2019
Total Attachments: 2 source=0019US01_Signed_Assignment#page1.tif source=0019US01_Signed_Assignment#page2.tif	

ASSIGNMENT OF INVENTION

WHEREAS, We, XU, Jie, XIA, Zhengyue, YAN, Xinchun, ZHU, Minjie, LU, Gang and XING, Guoqiang (the "Assignors"), have made an invention entitled

PHOTOVOLTAIC CELL PANEL

filed as US Patent Application No. _____ on _____.

WHEREAS, CSI Solar Power Group Co., Ltd. having an address at No.199 Lushan Road Suzhou New District, Suzhou Jiangsu 215129, China (the "Assignee"), Canadian Solar Manufacturing (Changshu) Inc. having an address at No.2 Changsheng Road, Xin Zhuang Industry Park, Changshu, Suzhou Jiangsu 215562, China (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention, and any improvements thereon, (the "Invention") and in and to applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and do hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, powers of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to them, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

In witness whereof, executed by the undersigned on the dates below.

<u>Xu, Jie</u>	Date: <u>August 13th, 2019</u>
<u>Xia, Zhengyue</u>	Date: <u>August 13th, 2019</u>
<u>Yan, Xindun</u>	Date: <u>August 13th, 2019</u>
<u>Zhu, Mingjie</u>	Date: <u>August 13th, 2019</u>
<u>Lu, Gang</u>	Date: <u>August 13th, 2019</u>
<u>Xing, Guoqing</u>	Date: <u>August 13th, 2019</u>