505099538 09/18/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5146298

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KESONG XU	12/30/2017

RECEIVING PARTY DATA

Name:	ZHENGYANG INDUSTRY & INVESTMENT CO.,LTD.
Street Address:	NO.558 GREAT WALL EAST ROAD, HARDWARE-TECH INDUSTRIAL ZONE, YONGKANG,
City:	ZHEJIANG
State/Country:	CHINA
Postal Code:	321300

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15766547	

CORRESPONDENCE DATA

Fax Number: (703)621-7155

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.

Phone: 7036217140

Email: mailroom@mg-ip.com, cvl@mg-ip.com
Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, PC

Address Line 1: 4000 LEGATO RD., SUITE 310
Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	0120/0151PUS1	
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY	
SIGNATURE: /Joe McKinney Muncy/		
DATE SIGNED:	09/18/2018	

Total Attachments: 3

source=2018-09-18-151-Assignment As Filed#page1.tif source=2018-09-18-151-Assignment As Filed#page2.tif source=2018-09-18-151-Assignment As Filed#page3.tif

PATENT 505099538 REEL: 047570 FRAME: 0925

MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLES ALL FOREIGN PATENT RIGHTS.

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: DUPLEX SAW As a below named inventor. Thereby declare that: This declaration is directed to: The attached application, or United States application number or PCT international application number ______ filed on ______. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. 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. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, ZHENGYANG INDUSTRY & INVESTMENT CO. LTD. of No.558 Great Wall Last Road, Hardware-tech Industrial Zone, Yongkang, Zhejiang 321300 P.R.China, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and [] in any foreign countries. NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and

valuable consideration, the undersigned has thave) sold, assigned and transferred, and by these

Presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said

PATENT REEL: 047570 FRAME: 0926 invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patcht(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. the power to meet on this Assignment any further identification which may be necessary or

PATENT REEL: 047570 FRAME: 0927 Among Docker No. 0120 0151 PUST

desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encombrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF SHIST OR SOLE INVENTOR.

XL. Kesong						
Signature:	37.14 11.	Date:	2017, 12:30			
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:						
Signature		Date				
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:						
Signature:		Date:				

Additional inventors are being named on separately numbered sheets attached hereto.

PATENT REEL: 047570 FRAME: 0928