# 504719459 01/09/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHIEN-SHOU LIAO	01/08/2018

#### **RECEIVING PARTY DATA**

Name:	ASTI GLOBAL INC., TAIWAN
Street Address:	2F1, NO.13, LN. 249, LINSEN RD., YUANLIN TOWNSHIP
City:	CHANGHUA COUNTY
State/Country:	TAIWAN
Postal Code:	51044

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15865343

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	106P000368US
NAME OF SUBMITTER:	ZHUO XU
SIGNATURE:	/ZHUO XU/
DATE SIGNED:	01/09/2018

## **Total Attachments: 3**

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PATENT 504719459 REEL: 044568 FRAME: 0314

#### ASSIGNMENT DEED

Attorney docket No. 106P000368US

This Assignment agreement is applicable to an invention entitled (invention Title):
POSITION-DETECTING AND CHIP-SEPARATING DEVICE

T! (Check one)	ne PATENT RIGHTS referred to in this agreement are:
- SS	a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment
-	U.S. Patent Application Serial No, filed
T	he PATENT RIGHTS assigned under this agreement are:
(Check One	
8	U.S. Patent rights only
	worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date Patent Application identified above.
3/4	WE believe that IWE am/are the original inventor(s) of a claimed invention in the application.
1	he above-identified Application was made or authorized by me/us.
	WE hereby acknowledge that any will false statements made in this Assignment is punishable under 18 USC or Imprisonment of not more than five (5) years, or both.
Ŧ	he ASSIGNOR(S) referred to in this agreement is (or are):
. ({	Full name of sole or first assignor) CHIEN-SHOU LIAO (FAMILY NAME: LIAO)
(Address) 1	6F., NO.21, SEC. 3, BEIXIN RD., XINDIAN DIST., NEW TAIPEI CITY 231, TAIWAN, R.O.C.
	-uli name of second (clint assignor)
(Address)_	
,	(Full name of third joint assignor, if any)
(Fixureas)	
()	Full name of fourth joint assignor, if any)
(Address)_	
/3	Full name of fifth joint assignor, if any)
(Address)_	
<del></del>	

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

(Name of Assignee) ASTI GLOBAL INC., TAIWAN (Address of Assignee)2F.-1, NO.13, LN. 249, LINSEN RD., YUANLIN TOWNSHIP, CHANGHUA COUNTY 51344. The sole or first ASSIGNEE is: (Check One) ☐an individual a partnership Sa Corporation of\_ TAWAN, R.O.C. (State or Country) The second ASSIGNEE(S) (if any) referred to in this agreement is (or are); (Name of Assignee) (Address of Assignee) The second ASSIGNEE is: (Check One) ☐an individual a partnership a Corporation of (State or Country) The third ASSIGNEE(S) (if any) referred to in this agreement is (or are): (Name of Assignee) (Address of Assignee)\_ The third ASSIGNEE is: (Check One) □an individual a partnership (State or Country) a Corporation of\_ Additional assignees are being named on separately numbered sheets attached hereto. The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns: the full and exclusive right to the invention;

The sole or first ASSIGNEE(S) referred to in this agreement is (or are):

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

an equal interest in and to the entire right, title, and interest in and to the PATENT RIGHTS in the invention, and

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all continuation, continuation-in-part, divisional, re-issue, and re-examination patents and patent applications relating to

the PATENT RIGHTS; and

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title, and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination, and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforce proper protection for said invention.

IWE hereby give our Attorney authorization to insert the Serial Number and filing date of the above-referenced Patent Application when known.

CHIEN-SHOU LIAO (FAMILY NAME: LIAO)

(Sidesture of sole or first assignor)

JAN.8,2018

(Date)