

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|-------------------------------------|---------------|----------------|--------------------------|------------|----------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael P. Schmidt-Lange</td> <td>04/12/2012</td> </tr> <tr> <td>Kam-Shing Wong</td> <td>04/03/2012</td> </tr> <tr> <td>Johannes Schuster</td> <td>03/03/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Michael P. Schmidt-Lange | 04/12/2012 | Kam-Shing Wong | 04/03/2012 | Johannes Schuster | 03/03/2012 |
| Name | Execution Date | | | | | | | | |
| Michael P. Schmidt-Lange | 04/12/2012 | | | | | | | | |
| Kam-Shing Wong | 04/03/2012 | | | | | | | | |
| Johannes Schuster | 03/03/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Kulicke and Soffa Die Bonding GmbH | | | | | | | | |
| Street Address: | Andhausen 52 | | | | | | | | |
| City: | Berg | | | | | | | | |
| State/Country: | SWITZERLAND | | | | | | | | |
| Postal Code: | 8572 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13395019</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13395019 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13395019 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (215)784-6482 | | | | | | | | |
| Phone: | 2157846817 | | | | | | | | |
| Email: | cspletzer@kns.com | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | |
| Correspondent Name: | Kulicke and Soffa Industries, Inc. | | | | | | | | |
| Address Line 1: | 1005 Virginia Drive | | | | | | | | |
| Address Line 2: | Christopher Spletzer | | | | | | | | |
| Address Line 4: | Fort Washington, PENNSYLVANIA 19034 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | ALP-106US | | | | | | | | |
| NAME OF SUBMITTER: | Christopher M. Spletzer, Sr. | | | | | | | | |
| Total Attachments: 2 source=106assignment#page1.tif source=106assignment#page2.tif | | | | | | | | | |

OP \$40.00 13395019

ASSIGNMENT - Patent ApplicationDocket Number: **ALP-106US**

Whereas, the Assignor, comprising the following named inventors:

| | | |
|-----------------------------|------------------------------------|--------------------------|
| ASSIGNOR(s)/ INVENTOR(s) | 1. Michael P. Schmidt-Lange | 2. Kam-Shing Wong |
| | 3. Johannes Schuster | 4. |
| | 5. | 6. |

made an invention entitled: **TOOL FOR PICKING A PLANAR OBJECT FROM A SUPPLY STATION**

for which an application for Letters Patent of the United States:

(Select one of the following):

- is executed concurrently herewith
- was filed in the U.S. Patent and Trademark Office on, March 8, 2012
as U.S. Patent Application Serial No.: 13/395,019

ASSIGNEE
(Full Name and Address)

KULICKE & SOFFA DIE BONDING GmbH
Andhausen 52
8572 Berg
Switzerland

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.


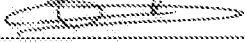
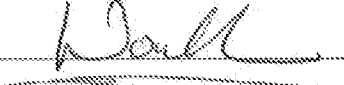
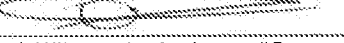
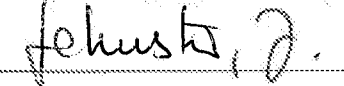

ASSIGNMENT - Patent Application

Docket Number: **ALP-106US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

| Typed or Printed Name | Signature | Date |
|-----------------------------|--|------------|
| 1. Michael P. Schmidt-Lange |  | 4/12/2012 |
| |  * Witness to Assignor #1 | 4/12/2012 |
| 2. Kam-Shing Wong |  | 4/3/12 |
| |  * Witness to Assignor #2 | 4/3/2012 |
| 3. Johannes Schuster |  | 03/13/12 |
| |  * Witness to Assignor #3 | 03/13/2012 |
| ASSIGNOR SIGNATURES 4. | _____ | _____ |
| | _____ | _____ |
| | * Witness to Assignor #4 | |
| 5. | _____ | _____ |
| | _____ | _____ |
| | * Witness to Assignor #5 | |

Application for United States Letters Patent:

Serial No.: 13/395,019

Filed: March 8, 2012

Attorney Docket Number: ALP-106US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries