

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>Bor-Haw Chang</td><td>12/01/2011</td></tr><tr><td>Shu-Fen Liu</td><td>12/01/2011</td></tr></tbody></table>		Name	Execution Date	Bor-Haw Chang	12/01/2011	Shu-Fen Liu	12/01/2011						
Name	Execution Date												
Bor-Haw Chang	12/01/2011												
Shu-Fen Liu	12/01/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Asia Vital Components Co., Ltd.</td></tr><tr><td>Street Address:</td><td>7F.-3, No. 24, Wucyuan 2nd Rd.</td></tr><tr><td>Internal Address:</td><td>Sinjhuang District</td></tr><tr><td>City:</td><td>New Taipei City</td></tr><tr><td>State/Country:</td><td>TAIWAN</td></tr><tr><td>Postal Code:</td><td>R.O.C.</td></tr></table>		Name:	Asia Vital Components Co., Ltd.	Street Address:	7F.-3, No. 24, Wucyuan 2nd Rd.	Internal Address:	Sinjhuang District	City:	New Taipei City	State/Country:	TAIWAN	Postal Code:	R.O.C.
Name:	Asia Vital Components Co., Ltd.												
Street Address:	7F.-3, No. 24, Wucyuan 2nd Rd.												
Internal Address:	Sinjhuang District												
City:	New Taipei City												
State/Country:	TAIWAN												
Postal Code:	R.O.C.												
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>13311181</td></tr></tbody></table>		Property Type	Number	Application Number:	13311181								
Property Type	Number												
Application Number:	13311181												
CORRESPONDENCE DATA													
Fax Number: (612)349-6556													
Phone: 6123397461													
Email: chuck.mersereau@nm-iplaw.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: NIKOLAI & MERSEREAU, P.A.													
Address Line 1: 900 SECOND AVENUE SOUTH													
Address Line 2: SUITE 820													
Address Line 4: MINNEAPOLIS, MINNESOTA 55402													
ATTORNEY DOCKET NUMBER:	20110433.ORI/TH/ACL												
NAME OF SUBMITTER:	C. G. Mersereau												
Total Attachments: 2 source=ASGN#page1.tif source=ASGN#page2.tif													

CH \$40.00 13311181

501744139

PATENT
REEL: 027327 FRAME: 0108

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title:

OIL-RETAINING BEARING FAN DEVICE

the specification of which (check one):

<input checked="" type="checkbox"/>	is executed on even date herewith.	
<input type="checkbox"/>	was filed on (day-month-year)	as U.S. Application Number
<input type="checkbox"/>	was filed on (day-month-year)	as PCT Application Number
<input type="checkbox"/>	was executed on the following date(s) (day-month-year)	

WHEREAS,

ASIA VITAL COMPONENTS CO., LTD.

having a postal address of **7F.-3, No. 24, Wucyuan 2nd Rd., Sinjhuang District, New Taipei City, Taiwan (R.O.C.)**

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of
NIKOLAI & MERSEREAU, P.A., to insert or complete any information in this document needed to effect its
recordal in the U.S. Patent and Trademark Office.

Full Name of First or Sole Inventor Bor-Haw Chang	Post Office Address 7F.-3, No. 24, Wucyuan 2nd Rd., Sinjhuang District, New Taipei City, Taiwan (R.O.C.)
Citizenship Taiwan (R.O.C.)	Residence (city, and either state or foreign country, MPEP §605.02) 7F.-3, No. 24, Wucyuan 2nd Rd., Sinjhuang District, New Taipei City, Taiwan (R.O.C.)
Date 12/01/2011	Signature <i>Bor-Haw Chang</i>

☒ See following page(s) for additional joint inventors.

Full Name of Second Inventor Shu-Fen Liu	Post Office Address 7F.-3, No. 24, Wucyuan 2nd Rd., Sinjhuang District, New Taipei City, Taiwan (R.O.C.)
Citizenship Taiwan (R.O.C.)	Residence (city, and either state or foreign country, MPEP §605.02) 7F.-3, No. 24, Wucyuan 2nd Rd., Sinjhuang District, New Taipei City, Taiwan (R.O.C.)
Date 12/01/2011	Signature <i>Shu - Fen Liu</i>

Full Name of Third Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature

Full Name of Fourth Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature

Full Name of Fifth Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature