PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Po-Wen Hsueh | 02/02/2009 |
| Cheng-Yen Chen | 02/02/2009 |
| Chung-Hsien Lin | 02/02/2009 |
| Shih-Wei Hsiao | 02/02/2009 |
| Wu-Sung Yao | 02/02/2009 |
| Mi-Ching Tsai | 02/02/2009 |

RECEIVING PARTY DATA

| Name: | Metal Industries Research & Development Centre |
|-----------------|--|
| Street Address: | 1001 Kaonan Highway |
| City: | Kaohsiung |
| State/Country: | TAIWAN |
| Postal Code: | 811 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12346099 |

CORRESPONDENCE DATA

Fax Number: (949)743-8949

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

949-202-5592 Phone: Email: aking@wpat.com Correspondent Name: Anthony S. King

Address Line 1: 2030 Main Street, Suite 1300 Address Line 4: Irvine, CALIFORNIA 92614

| ATTORNEY DOCKET NUMBER: | 19408-004 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | Anthony King |

PATENT

500806472 **REEL: 022392 FRAME: 0790**

Total Attachments: 3 source=US0822-Assignment#page1.tif source=US0822-Assignment#page2.tif source=US0822-Assignment#page3.tif

> PATENT REEL: 022392 FRAME: 0791

ASSIGNMENT

WHEREAS, I(we), PO-WEN HSUEH, CHENG-YEN CHEN, CHUNG-HSIEN LIN, SHIH-WEI HSIAO, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

PRESTRESS-ADJUSTABLE PIEZOELECTRIC GRIPPING DEVICE

| (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Pater | ıt |
|---|----|
| is executed on even date herewith unless at least one of the following is checked: | |

| United States Design I | Patent was | | |
|--------------------------|------------------------------------|--------|-----------------|
| cented on: | | | |
| ☑ filed on: 12/30/2008 | Serial No.: 12/346,099 | | |
| established by PCT Int | ernational Patent Application No.: | filed: | designating the |
| United States of America | | | |
| ☐ issued on | as U.S. Patent No.: | | |

WHEREAS, METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE whose post office address is 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

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 application(s) 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, litigation 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 Letters Patent 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 Letters 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 Name PO-WEN HSUEH | Address 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. |
|---------------------------------|---|
| Signature of Assignor | Date of Signature 2/2/2009 |
| Name of Witness (optional) | Name of Witness (optional) |
| Signature of Witness (optional) | Signature of Witness (Optional) |

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| Assignor Name CHENG-YEN CHEN | Address 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. |
|---|---|
| Signature of Assignor * Cheng - Yon Chou | Date of Signature 2/2/2009 |
| Name of Witness (optional) | Name of Witness (optional) |
| Signature of Witness (optional) | Signature of Witness (Optional) |

| Address 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. |
|---|
| Date of Signature 2/2/2009 |
| Name of Witness (optional) |
| Signature of Witness (Optional) |
| |

| Assignor Name SHIH-WEI HSIAO | Address 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. |
|---|---|
| Signature of Assignor— * Signature of Assignor— * Hsiao | Date of Signature 2/2/2009 |
| Name of Witness (optional) | Name of Witness (optional) |
| Signature of Witness (optional) | Signature of Witness (Optional) |

| Assignor Name WU-SUNG YAO | Address 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. |
|--|---|
| Signature of Assignor * (Cit-Sung fac | Date of Signature 2/2/2009 |
| Name of Witness (optional) | Name of Witness (optional) |
| Signature of Witness (optional) | Signature of Witness (Optional) |

PATENT REEL: 022392 FRAME: 0793

| Assignor Name MI-CHING TSAI | Address 1001 KAONAN HIGHWAY, KAOHSIUNG, TAIWAN, 811, R.O.C. |
|---|---|
| Signature of Assignor * TSAL | Date of Signature 2/2/2009 |
| Name of Witness (optional) Signature of Witness (optional) | Name of Witness (optional) Signature of Witness (Optional) |

PATENT REEL: 022392 FRAME: 0794

RECORDED: 03/13/2009