

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| CHIEN-WEI CHIANG | 11/03/2016 |
| WAN-LIN HSIEH | 11/03/2016 |
| CHIA-WEI CHEN | 11/03/2016 |
| CHE-LUNG HSU | 11/03/2016 |
| SHENG-HSIANG KAO | 11/03/2016 |
| CHEN-YA WENG | 11/02/2016 |
| RECEIVING PARTY DATA | |
| Name: | TXC CORPORATION |
| Street Address: | 4F., NO. 16, SEC. 2, CHUNG YANG S. RD. |
| City: | PEITOU |
| State/Country: | TAIWAN |
| Postal Code: | 112 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15342554 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | MR1035-2483 |
| NAME OF SUBMITTER: | MORTON J. ROSENBERG |
| SIGNATURE: | /Morton J. Rosenberg/ |
| DATE SIGNED: | 11/04/2016 |
| Total Attachments: 4 | |

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ASSIGNMENT DEED

Attorney docket No. MR1035-2483

This Assignment agreement is applicable to an invention entitled (Invention Title): OPEN CONTROLLED CRYSTAL OSCILLATOR CONSISTING OF HEATER-EMBEDDED CERAMIC PACKAGE

The PATENT RIGHTS referred to in this agreement are:

(Check one)

- Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment
U.S. Patent Application Serial No. 15/342,554, filed 11/3/2016
U.S. Patent No. issued

The PATENT RIGHTS assigned under this agreement are:

(Check One)

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 of any U.S. Patent Application identified above.

I/WE believe that I/WE am/are the original inventor(s) of a claimed invention in the application.

The above-identified Application was made or authorized by me/us.

I/WE hereby acknowledge that any will false statements made in this Assignment is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first assignor) Chien-Wei CHIANG

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

(Full name of second joint assignor, if any) Wan-Lin HSIEM

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

(Full name of third joint assignor, if any) Chia-Wei CHEN

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

(Full name of fourth joint assignor, if any) Che-Lung HSU

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

(Full name of fifth joint assignor, if any) Sheng-Hsiang KAO

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

(Full name of sixth joint assignor, if any) Chen-Ya WENG

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

(Full name of seventh joint assignor, if any) Chia-Chen CHEN

(Address) No.4, Kung 6th Rd., Ping Cheng Industrial District, Ping Cheng City 324, Tao Yuan County, Taiwan, R.O.C.

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

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

(Name of Assignee) TXC CORPORATION

(Address of Assignee) 4F, No. 16, Sec. 2, Chung Yang S. Rd., Peitou 112, Taipei, Taiwan, R.O.C.

The sole or first ASSIGNEE is: (Check One)

an individual

a partnership

a Corporation of TAIWAN, 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)

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;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

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

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner 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 enforced proper protection for said invention.

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

Chien-Wei CHIANG
(Signature of sole or first assignor) Chien-Wei CHIANG

November 3, 2016
(Date)

Wan-Lin HSIEH
(Signature of second assignor, if any) Wan-Lin HSIEH

November 3, 2016
(Date)

Chia-Wei CHEN
(Signature of third assignor, if any) Chia-Wei CHEN

November 3, 2016
(Date)

Chie-Lung HSU
(Signature of fourth assignor, if any) Chie-Lung HSU

November 3, 2016
(Date)

Sheng-Hsiang KAO
(Signature of fifth assignor, if any) Sheng-Hsiang KAO

November 3, 2016
(Date)

Chen-Ya WENG
(Signature of sixth assignor, if any) Chen-Ya WENG

November 3, 2016
(Date)

Chia-Chen CHEN
(Signature of seventh assignor, if any) Chia-Chen CHEN

November 3, 2016
(Date)