

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2694057

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|--|------------------------------|----------------|
| SUBMISSION TYPE:   | NEW ASSIGNMENT               |                |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                   |                |
| CONVEYING PARTY DATA   |                              |                |
| Name   |                              | Execution Date |
| MANHATTAN TECHNOLOGIES, LLC  |                              | 01/21/2014     |
| RECEIVING PARTY DATA   |                              |                |
| Name:  | TERAPHYSICS CORPORATION      |                |
| Street Address:  | 110 ALPHA PARK               |                |
| City:  | HIGHLAND HEIGHTS             |                |
| State/Country:   | OHIO                         |                |
| Postal Code:   | 44143                        |                |
| PROPERTY NUMBERS Total: 1  |                              |                |
| Property Type  | Number                       |                |
| Patent Number:   | 8618736                      |                |
| CORRESPONDENCE DATA  |                              |                |
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| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>                           |                              |                |
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| NAME OF SUBMITTER:   | MICHAEL WIEDER               |                |
| Signature:   | /MichaelWieder/              |                |
| Date:  | 01/23/2014                   |                |
| This document serves as an Oath/Declaration (37 CFR 1.63).   |                              |                |
| Total Attachments: 2<br>source=Helical Patent Assignment#page1.tif<br>source=Helical Patent Assignment#page2.tif |                              |                |

## PATENT ASSIGNMENT

THIS ASSIGNMENT is effective January 21, 2014.

WHEREAS, Manhattan Technologies, LLC., having a place of business at 110 Alpha Park, Highland Heights, Ohio 44143, (hereinafter "Assignor"), is the owner of the following patent (hereinafter "Patent"):

"High Frequency Helical Amplifier and Oscillator"

U.S. Patent No. 8,618,736B2 dated December 31, 2013; and

WHEREAS, Teraphysics Corporation, a Delaware corporation, having a place of business at 110 Alpha Park, Highland Heights, Ohio 44143 (hereinafter "Assignee") is desirous of acquiring said Patent;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor does hereby sell, assign, set over and transfer unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in the United States and throughout the world in and to the Patent including all inventions disclosed and/or claimed therein, all priority rights for other countries arising therefrom, all substitutions, divisions, continuations and continuation-in-part thereof, all Letters Patent, United States and foreign, that may be granted therefrom and all extensions, renewals, and reissues thereof, and all rights under the International Convention for the Protection of Industrial Property.

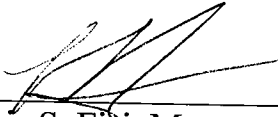
Assignor further agrees to cooperate with the Assignee in every way possible and to do all affirmative acts and to execute all papers, without charge to Assignee, which counsel for Assignee shall advise are necessary and/or desirable in connection with the Patent including, without limitation, the execution of such other documents and instruments of transfer as may be required to register this assignment with the United States Patent Office and the execution of separate assignments in connection with any substitutions, divisions, continuations and continuation-in-part thereof under the provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from any divisions or continuing applications to said Assignee as Assignee of the entire interest, and hereby covenants it has full right to convey the entire interest herein assigned and that it has not executed and will not execute any agreement diminishing the rights hereby assigned.

The undersigned hereby grants to Michael D. Wieder and L. Lawton Rogers, III (Reg. No. 24,302) the power to insert in this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

IN WITNESS WHEREOF, the parties hereto agree to the foregoing.

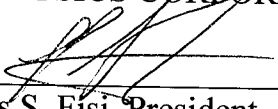
MANHATTAN TECHNOLOGIES, LTD.

By:   
Louis S. Fisi, Manager

Dated: 1/21/14

Accepted:

TERAPHYSICS CORPORATION

By:   
Louis S. Fisi, President

Dated: 1/21/14