PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------|----------------|
| Mohammad Aref Hasan Mamakhel | 11/07/2008 |

RECEIVING PARTY DATA

| Name: | CARBODEON LTD OY |
|-----------------|------------------|
| Street Address: | Bulevardi 2 A |
| City: | Helsinki |
| State/Country: | FINLAND |
| Postal Code: | FI-00120 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11816448 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | BGG0012 (MOHAMMAD ASM) |
|-------------------------|------------------------|
| · • | |

Karen A. LeCuyer

Total Attachments: 2

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NAME OF SUBMITTER:

340.00 118

PATENT REEL: 022087 FRAME: 0992

ASSIGNMENT

WHEREAS We, Reijo LAPPALAINEN of Happosenahontie 24, FI-70870 Hiltulanlahti, Finland; Lev Nicolaevich BLINOV of Str. Sofia Kovalevskaja, 14-2-27, 195256 St. Petersburg, Russia; Mohammad Aref Hasan MAMAKHEL of Dirch Passers Allé 11, st. th., 2000, Frederiksberg, Denmark and Sergej Nicolaevich PHILIPPOV of Krylenko str. 19-1-71, 193200 St. Petersburg, Russia (hereinafter referred to as ASSIGNORS); have invented certain new and useful improvements in:

A METHOD FOR PREPARING CARBON NITRIDE C3N4

for which We have filed an application for Letters Patent of the United States;

AND WHEREAS, CARBODEON LTD OY (hereinafter referred to as ASSIGNEE), a corporation organized and existing under the laws of Finland, having a place of business at Bulevardi 2 A, FI-00120 Helsinki, Finland, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and

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PATENT REEL: 022087 FRAME: 0993 cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Date: | | L.S |
|----------------|------------------------------|------|
| | Reijo LAPPALAINEN | 2.5 |
| Date: | | L.S. |
| | Lev Nicolaevich BLINOV | |
| Date: 07 11 08 | | L.S. |
| | Mohammad Aref Hasan MAMAKHEL | |
| Date: | | L.S. |
| | Sergej Nicolaevich PHILIPPOV | |

PATENT REEL: 022087 FRAME: 0994

RECORDED: 01/12/2009