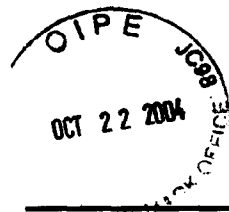


Atty Docket No.: 254473US0PCT

10-27-2004



FORM PTO-1595
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Osamu FUKUNAGA
Hiroshi OKUBO
Toshiaki SOGABE
Tetsuro TOJO

10-27-04

2. Name and address of receiving party(ies):

Name: TOYO TANSO CO., LTD
Address: 7-12, Takeshima 5-chome, Nishiyodogawa-ku,
Osaka-shi, Osaka 555-0011 Japan

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:

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Execution Date: April 1, 2004

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4. Application number(s) or patent number(s):

This document is being filed together with a new application

A. Patent Application No.(s)

10/499,649

B. Patent No.(s)

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PATENT
REEL: 015914 FRAME: 0038

WHEREAS, I (WE) _____

Osamu FUKUNAGA,

at 2-16-1-402, Kakemama, Ichikawa-shi, Chiba 272-0142 Japan

Hiroshi OKUBO, Toshiaki SOGABE and Tetsuro TOJO

at c/o TOYO TANSO CO., LTD.

2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 Japan

_____, respectively, have invented

certain new and useful improvements in: GRAPHITE MATERIAL FOR SYNTHESIZING SEMICONDUCTOR DIAMOND AND SEMICONDUCTOR DIAMOND PRODUCED BY USING THE SAME

for which an application for Letters Patent was executed on APR. -1, 2004

(Application No. 10/499,649, filed 6/28/04), and

WHEREAS, TOYO TANSO CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0011 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I(WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: APR. -1. 2004 *Osamu Fukunaga*
 (Signature of Inventor) Osamu FUKUNAGA

Date: APR. -1. 2004 *Hiroshi Okubo*
 (Signature of Inventor) Hiroshi OKUBO

Date: APR. -1. 2004 *Toshiaki Sogabe*
 (Signature of Inventor) Toshiaki SOGABE

Date: April 1, 2004 *Tetsuro Tojo*
 (Signature of Inventor) Tetsuro TOJO

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