

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kyosuke YOSHIMI	10/12/2008
Takeshi MATSUO	10/14/2008
Mitsuo SUZUKI	10/02/2008
Takaaki NIINOMI	10/10/2008

RECEIVING PARTY DATA

Name:	MITSUBISHI CHEMICAL CORPORATION
Street Address:	14-1, Shiba 4-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0014

Name:	FRONTIER CARBON CORPORATION
Street Address:	8-7, Kyobashi 1-chome, Chuo-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	103-0031

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11914899

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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

Phone: (703) 413-3000

Email: kcapers@oblon.com

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

OP \$40.00 11914899

500727438

PATENT
REEL: 021961 FRAME: 0171

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:

318541US0PCT

NAME OF SUBMITTER:

Keena Capers

Total Attachments: 2

source=318541USASSIGNMENT#page1.tif

source=318541USASSIGNMENT#page2.tif

Assignment of Application

WHEREAS, I (WE) Kyosuke YOSHIMI of Miyagi, Japan, Takeshi MATSUO of Kanagawa, Japan, Mitsuo SUZUKI
and Takaaki NIINOMI both of Tokyo, Japan

_____, respectively,

have invented certain new and useful improvements in: CARBURIZED METAL MATERIAL AND PRODUCING
METHOD THEREOF

(Application No. _____, filed _____), and

1. MITSUBISHI CHEMICAL CORPORATION

WHEREAS, 2. FRONTIER CARBON CORPORATION

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

1. 14-1, Shiba 4-chome, Minato-ku, Tokyo 108-0014 Japan

2. 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 103-0031 Japan

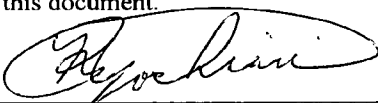
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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 and 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.

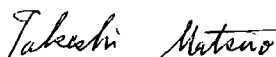
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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 Letter 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.

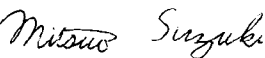
The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 12, 2008


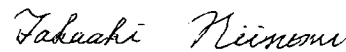
(Signature of Inventor) Kyosuke YOSHIMI

Date: October 14, 2008


(Signature of Inventor) Takeshi MATSUO

Date: October 2, 2008


(Signature of Inventor) Mitsuo SUZUKI

Date: October 10, 2008


(Signature of Inventor) Takaaki NIINOMI

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314