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Atty Docket No.:

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To the Director of the United States Patent and Trademark	Office. Prease 2059450 Scuments or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Haruhiko ASAO, Yutaka KOSHIBA, Keiji NOGAMI, Tu MASUI, Kazumasa HORI, Kenji WAKIGUCHI, Masahik	
and Yoshiaki HATTORI	Address: 1-5-1, Ohtemachi, Chiyoda-ku, Tokyo 100-0004, JAPAN
Additional name(s) of conveying party(ies) attached?	
3. Nature of Conveyance:	
■ Assignment	
☐ Security Agreement ☐ Change of Name	
☐ Other Execution Date: June 28, 21, July 6, 1, June 2	11
July 7, June 24, and July 1, 2	
4. Application number(s) or patent number(s):	
☐ This document is being filed together with a new appl	ication
A. Patent Application No.(s)	B. Patent No.(s)
09/791,767	
Additional numb	ers attached?
5. Name and address of party to whom correspondence	6. Total applications and patents involved: 1
concerning document should be mailed:	-
Customer Number	7. Total fee (37 CFR 3.41): \$40.00
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> **PATENT REEL: 016864 FRAME: 0218**

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Haruniko ASAO, 1-5-1, Ontemachi, Chiyoda-ku, Tokyo
100-0004, JAPAN; Yutaka KOSHIBA, 1-5-1, Ohtemachi, Chiyoda-ku.
Tokyo 100-0004, JAPAN; Keiji NOGAMI, 1-5-1, Ohtemachi.
Chiyoda-ku, Tokyo 100-0004, JAPAN; Tutomu MASUI, 3-1-9,
Chiikoushinmachi, Sakaishi, Osaka 592-8331, JAPAN; Kazumasa
HORI, 3-1-9, Chiikoushinmachi, Sakaishi, Osaka 592-8331, JAPAN;
Kenji WAKIGICHI, 3-1-9, Chiikoushinmachi, Sakaishi,
Osaka 592-8331, JAPAN; Masahiko WADA, 3-1-9, Chiikoushinmachi,
Sakaishi, Osaka 592-8331, JAPAN; Yoshiaki HATTORI, 3-1-9,
Chiikoushinmachi, Sakaishi, Osaka 592-8331, JAPAN
, respectively, have
invented certain new and useful improvements in:
METHOD FOR MANUFACTURING LOW-OXYGEN COPPER
METHOD FOR MARKET AGFORMED EAVY OXI CENT GOT FER
for which an application for Letters Patent was executed on
(Application No. 09/791,767, filed February 26, 2001), and
WHEREAS, MITSUBISHI MATERIALS CORPORATION
(hereinafter referred to as "ASSIGNEE") having a place of business at:
1-5-1, Ohtemachi, Chiyoda-ku, Tokyo 100-0004, 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.

PATENT REEL: 016864 FRAME: 0219 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 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: X 28/06/2005

Date: Y 4/06/2005

Date: Y 4/06/2005

Date: Y 5/7/2005

Date: Y 5/7/2005

Date: Y 7/7/2005

Date: Y 7/2005

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

RECORDED: 08/08/2005

PATENT REEL: 016864 FRAME: 0220