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Koichi WATANABE Takashi WATANABE Yukinobu SUZUKI
Yoichiro YABE Hitoshi AOYAMA
Takashi ISHIGAMI Yasuo KOHSAKA

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

Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: 08/08/03

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/363,257

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:



22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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Aug. 27 2003

Date

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PATENT
REEL: 014433 FRAME: 0204

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Koichi WATANABE, Yoichiro YABE, Takashi ISHIGAMI, Takashi WATANABE,
Hitoshi AOYAMA, Yasuo KOHSAKA, and Yukinobu SUZUKI
of 782-1-101, Futoo-Cho, Kouhoku-Ku, Yokohama-Shi, Kanagawa 222-0031 Japan;
1-6-5-610, Heisei-Cho, Yokosuka-Shi, Kanagawa 238-0013 Japan;
303-1-1-2-713, Katsura-Cho, Sakae-Ku, Yokohama-Shi, Kanagawa 247-0005 Japan;
2-8-2-C510, Shiomidai, Isogo-Ku, Yokohama-Shi, Kanagawa 235-0022 Japan;
9-32-1-511, Kounandai, Kounan-Ku, Yokohama-Shi, Kanagawa 234-0054 Japan;
3-168-1-501, Sengen-Cho, Nishi-Ku, Yokohama-Shi, Kanagawa 220-0072 Japan; and
4-2-61-201, Nakatanishi, Izumi-Ku, Yokohama-Shi, Kanagawa 245-0015 Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,
have invented certain new and useful improvements in: TUNGSTEN SPUTTERING TARGET AND METHOD OF
MANUFACTURING THE SAME

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on August 8, 2003
(Application No. 10/363,257, filed March 7, 2003), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, KABUSHIKI KAISHA TOSHIBA

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, 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.

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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: <u>August 8, 2003</u>	<u>Koichi Watanabe</u> (Signature of Inventor) Koichi WATANABE
Date: <u>August 8, 2003</u>	<u>Yoichiro Yabe</u> (Signature of Inventor) Yoichiro YABE
Date: <u>August 8, 2003</u>	<u>Takashi Ishigami</u> (Signature of Inventor) Takashi ISHIGAMI
Date: <u>August 8, 2003</u>	<u>Takashi Watanabe</u> (Signature of Inventor) Takashi WATANABE
Date: <u>August 8, 2003</u>	<u>Hitoshi Aoyama</u> (Signature of Inventor) Hitoshi AOYAMA
Date: <u>August 8, 2003</u>	<u>Yasuo Kohsaka</u> (Signature of Inventor) Yasuo KOHSAKA
Date: <u>August 8, 2003</u>	<u>Yukinobu Suzuki</u> (Signature of Inventor) Yukinobu SUZUKI
Date: _____	_____ (Signature of Inventor)

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

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