

MRD 3-12-98

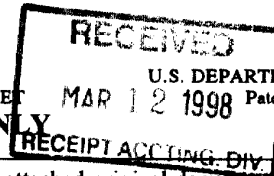
FORM PTO-1595
1-31-92
DOCKET NO.0834-0145-

07-21-1998



To the Honorable Commis:

100751562



VER SHEET
ITS ONLY
cord the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Toshiyuki NAGASE
- (2) Yoshirou KUROMITSU
- (3) Kunio SUGAMURA
- (4) Yoshio KANDA
- (5) Masafumi HATSUSHIKA
- (6) Masato OTSUKI

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

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

Name: MITSUBISHI MATERIALS CORPORATION
Address: 1-5-1, Otemachi
Chiyoda-ku, Tokyo 100
JAPAN

Additional name(s) & address(es) attached?
 Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

Execution Date: September 24, 24, 24, 24, October 3, 1997

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)

08/916,258

B. Patent No.(s)

Additional numbers attached? Yes No

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

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202

6. Total number of applications and patents involved:

1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Marvin J. Spivak
Name of Person Signing
Registration No. 24,913

ROBERT T. SPIVAK
Registration Number 27,295

Date
Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

PATENT
REEL: 9208 FRAME: 729

08/29/1998 TTB
00000057 00916258
FC:501

Assignment Of Application

Page 1 of 2

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) Toshiyuki Nagase
Yoshirou Kuromitsu
Kunio Sugamura
Yoshio Kanda
Masafumi Hatsushika, and
Masato Otsuki

c/o Mitsubishi Materials Corporation
Central Research Institute
1-297, Kitabukuro-Cho, Omiya-Shi,
Saitama 330, JAPAN

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: _____
CERAMIC CIRCUIT BOARD WITH HEAT SINK

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____
(Application No. _____, filed August 22, 1997), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, MITSUBISHI MATERIALS CORPORATION
(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
1-5-1, Otemachi, Chiyoda-ku, Tokyo 100, 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 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>24/09/1997</u>	<u>Toshiyuki Nagase</u> (Signature of Inventor) Toshiyuki NAGASE
Date: <u>24/09/1997</u>	<u>Y. Kuromitsu</u> (Signature of Inventor) Yoshiro KUROMITSU
Date: <u>24/09/1997</u>	<u>Kunio Sugamura</u> (Signature of Inventor) Kunio SUGAMURA
Date: <u>24/09/1997</u>	<u>Yoshio Kanda</u> (Signature of Inventor) Yoshio KANDA
Date: <u>24/09/1997</u>	<u>Masafumi Hatsushika</u> (Signature of Inventor) Masafumi HATSUSHIKA
Date: <u>03/10/1997</u>	<u>Masato Otsuki</u> (Signature of Inventor) Masato OTSUKI
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____

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