

05-29-2003

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PATENTS ONLY

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To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Masanobu AZUMA 1-29-03

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 8, 2003

2. Name and address of receiving party(ies)

Name: TOKUYAMA CORPORATION

Internal Address: _____

Street Address: c/o TOKUYAMA CORPORATION,
1-1, Mikage-cho, Tokuyama-shi,
Yamaguchi 745-0053, Japan

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

4. Application number(s) or patent number(s): 10343214

If this document is being filed together with a new application,
The execution date of the application is: January 8, 2003

A. Patent Application No. (s) _____

B. Patent No. (s) _____

Additional numbers attached? Yes No

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

Name: Kent E. Baldauf, Sr.

Internal Address: Webb Ziesenheim Logsdon
Orkin & Hanson, P.C.

Street Address: 700 Koppers Building
436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

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: _____

(Attach triplicate 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.

Kent E. Baldauf, Sr., Reg. No. 25,826 [Signature] January 29, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, U.S. Patent and Trademark Office
Office of Public Records, Crystal Gateway 4, Room 335
Washington, D.C. 20231

{W0341280.1}

SF 84
US

ASSIGNMENT

WHEREAS, ~~we~~, I, Masanobu AZUMA
and _____, residing
in c/o TOKUYAMA CORPORATION, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi
745-0053, Japan, respectively,
have invented certain new and useful improvements entitled
HEAT SINK AND PROCESS FOR PRODUCING THE SAME
for which ~~I we~~ have this day executed an application for United
States Letters Patent;

AND, WHEREAS TOKUYAMA CORPORATION _____, a
corporation of Japan, having a
place of business at 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053, Japan
hereinafter called the "assignee", is desirous of acquiring the
entire right, title, and interest in and to said application and
the inventions and improvements therein disclosed.

NOW, THEREFORE, in consideration of One (\$1.00) Dollar
and other good and valuable consideration paid to us by said
assignee, the receipt of which is hereby acknowledged, we do
hereby assign, sell, transfer, and set over unto said assignee
the entire right, title and interest in and to said application
and the inventions and improvements therein disclosed for the
United States and all foreign countries and any Letters Patent
which may issue therefor in the United States and all foreign
countries and all divisions, reissues, continuations, renewals,
and/or extensions thereof, said assignee to have and to hold the
interests herein assigned to the full ends of the terms of said
Letters Patent and any and all divisions, reissues,
continuations, renewals, and/or extensions thereof, respectively,
as fully and entirely as the same would have been held and
enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested
to issue such Letters Patent in accordance herewith. We covenant
that we are the lawful owners of the said application,
inventions, and improvements, that the same are unencumbered,
that no license has been granted to make, use, or vend the said
inventions or improvements or any of them, and that we have the
full right to make this assignment.

And for the consideration aforesaid, we agree jointly
and individually that we will communicate to said assignee or the
representatives thereof any facts known to us respecting said
inventions and improvements, and will, upon request, but without
expense to us, testify in any legal proceedings, sign all lawful
papers, execute all divisional, reissue, continuation, renewal,
and/or extension applications, make all rightful oaths, and
generally do all other and further lawful acts, deemed necessary
or expedient by said assignee or by counsel for said assignee, to
assist or enable said assignee to obtain and enforce full
benefits from the rights and interests herein assigned. This
assignment shall be binding upon our heirs, executors,

administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED _____ January 8, 2003.

M. Cyman

Shingo Matsumi

Witness

Satoru Fuchigami

Witness