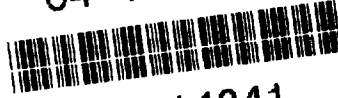


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Attorney Docket
No.: 9369-039US
(U01-120492C/KO)

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nobuyuki KURODA
Mitsuo YAMANAKA
Hirofumi TAKEMOTO
Kohei NINOMIYA
Junichi KUGIMOTO

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

Ube Industries, Ltd.
1-12-32, Nishihon-machi,
Ube-city, Yamaguchi Prefecture, 755-8633
JAPAN

3. Nature of conveyance:

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

Execution Date: February 28, 2000, respectively



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

09/523392

If this document is being filed together with a new application, the execution date of the application is: February 28, 2000

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? Yes No

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

WILLIAM W. SCHWARZE
AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.
One Commerce Square - 2005 Market Street - Suite 2200
Philadelphia, PA 19103
Telephone: (215) 965-1200
Direct Dial: (215) 965-1270
Facsimile: (215) 965-1210
E-Mail: wschwarze@akingump.com

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) Cal. 1 x \$40.00 = \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-1017 (Billing No. 209369.0039)

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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.

WILLIAM W. SCHWARZE
Name of Person Signing

Signature

March 10, 2000
Date

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

Attorney Docket No. 9369-039

Ref. No.: U01-120492C/KO

JOINT

ASSIGNMENT

Nobuyuki KURODA, Mitsuo YAMANAKA, Hirofumi TAKEMOTO,

WHEREAS, we, Kohei NINOMIYA and Junichi KUGIMOTO

respectively citizens of Japan, with respective post office addresses of

c/o Ube Industries, Ltd., 1978-10, Oazakogushi, Ube-city, Yamaguchi Prefecture,
Japan

hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

PROCESS FOR PRODUCING EPOXYCYCLODODECADIENE

for which we have executed a United States patent application, Application No. _____,
filed March 10 , 2000, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the
Application Number and Filing date of this application if they are unknown at the time of
execution of this Assignment.

WHEREAS, Ube Industries, Ltd., a Japanese corporation having a place of business at
1-12-32, Nishihon-machi, Ube-city, Yamaguchi Prefecture, 755-8633 Japan, hereinafter
generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent
application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and
valuable executed consideration, the full receipt and sufficiency of all of which are hereby
acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS,
hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer
and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the
territory of the United States and its possessions and territories and all foreign
countries:

in and to the above patent application and any and all related United States and
foreign patent applications disclosing said invention, including provisionals, non-
provisionals, divisions and continuations thereof, along with all rights of priority
created by said patent application under any treaty relating thereto: and

in and to all United States and foreign patents which may be granted on any and
all of said patent applications, including extensions, reissues and reexamination
certificates thereof:

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

(Date) February 28, 2000 Nobuyuki Kuroda (Seal)
(Date) February 28, 2000 Mitsuo Yamaneke (Seal)
(Date) February 28, 2000 Hirofumi Takemoto (Seal)
(Date) February 28, 2000 Kohji Ninomiya (Seal)
(Date) February 28, 2000 Junichi Kuginoto (Seal)

STATE OF _____ :
: ss.
COUNTY OF _____ :

Before me, a notary public in and for the State and County aforesaid, on this ___ day of _____, 19___, personally appeared _____, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires: