



04-25-2002



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Atty Docket 199008USXPCT

FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **4-18-02**
Keiji Toriyabe, Nobuo Takefuji, Minoru Itou, Tetsuya Hirade,
Kiyotoshi Nishiyama, Mitsuharu Asahida, Yasunobu Maeda,
Nobuhide Wada, Toyokazu Fujisawa, Hiroyuki Yano, Masaaki
Komatsu, and Osamu Tada
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other
Execution Dates: Sept. 20, Oct 13, Oct. 10, Oct. 13,
Oct. 17, Oct. 2, Oct. 16, Oct. 5,
Sept. 23, Sept. 21, Sept. 21, and
Sept. 18, 2000.

2. Name and address of receiving party(ies):
Name: 1. Kumiai Chemical Industry Co., Ltd.
2. Ihara Chemical Industry Co., Ltd.
Address: 1. 4-26, Ikenohata 1-chome
Taitoh-ku
TOKYO 110-0008 JAPAN

2. 4-26, Ikenohata 1-chome
Taitoh-ku
TOKYO 110-0008 JAPAN

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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)

09/673,633

Date of Allowance: March 21, 2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

22850

6. Total applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 15-0030
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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.

Thomas M. Cunningham

Name of Person Signing

Signature

4-17-02

Date

Registration Number: 45,394

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PATENT
REEL: 012816 FRAME: 0057

Assignment Of Application

Page 1 of 3 3

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) Keiji Toriyabe of 143, Aza Sakutamichi, Ooaza Tenmadate, Tenmabayashi-mura, Kamikita-gun, AOMORI 039-2700 JAPAN, Nobuo Takefuji of 66-3, Iwabuchi, Fujikawa-cho, Ihara-gun, SHIZUOKA 421-3305 JAPAN, Minoru Itou of c/o K·I CHEMICAL RESEARCH INSTITUTE CO., LTD. 408-1, Shioshinden, Fukude-cho, Iwata-gun, SHIZUOKA 437-1213 JAPAN, Tetsuya Hirade of 2256, Nakanogou, Fujikawa-cho, Ihara-gun, SHIZUOKA 421-3306 JAPAN, Kiyotoshi Nishiyama of 2-18-4, Kusanagi, Shimizu-shi, SHIZUOKA 424-0886 JAPAN, Mitsuharu Asahida of 1-5, Hanedaekimae, Mizusawa-shi, IWATE 023-0104 JAPAN, Yasunori Maeda of 1-18-6, Nishihara, Kashiwa-shi, CHIBA 277-0885 JAPAN, Nobuhide Wada of c/o K·I CHEMICAL RESEARCH INSTITUTE CO., LTD. 408-1, Shioshinden, Fukude-cho, Iwata-gun, SHIZUOKA 437-1213 JAPAN, Toyokazu Fujisawa of 792-2, Ooaza Yashima, Nagano-shi, NAGANO 381-0021 JAPAN, Hiroyuki Yano of 1809, Kamo, Kikugawa-cho, Ogasa-gun, SHIZUOKA 439-0031 JAPAN, Masaaki Komatsu of 1809, Kamo, Kikugawa-cho, Ogasa-gun, SHIZUOKA 439-0031 JAPAN and Osamu Tada of 4-6, Modorigaoka 2-chome, Kakegawa-shi, SHIZUOKA 436-0021 JAPAN, respectively

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: 3-ARYLPHENYL SULFIDE
DERIVATIVE AND INSECTICIDE AND MITICIDE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

September 18, 20, 21, 23, 2000,
for which an application for Letters Patent was executed on October 2, 5, 13, 16, 17, 2000

(Application No. 09/673,633, filed October 27, 2000), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

Kumiai Chemical Industry Co., Ltd. and
WHEREAS, Ihara Chemical Industry Co., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at:
4-26, Ikenohata 1-chome, Taitoh-ku, TOKYO 110-0008 JAPAN and
4-26, Ikenohata 1-chome, Taitoh-ku, TOKYO 110-0008 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: 9.20.2000

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(Signature of Inventor) Keiji Toriyabe

Date: 13. October 2000

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(Signature of Inventor) Nobuo Takefuji

Date: 10. 10. 2000

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(Signature of Inventor) Minoru Ito

Date: 13. October, 2000
10. 5. 2000

Tetsuya Hirade
(Signature of Inventor) Tetsuya Hirade

Date: 17. October. 2000

Kiyotoshi Nishiyama
(Signature of Inventor) Kiyotoshi Nishiyama

Date: 2.10 2000

Mitsuharu Asahida
(Signature of Inventor) Mitsuharu Asahida

Date: 16. October 2000

Yasunobu Maeda
(Signature of Inventor) Yasunobu Maeda

Date: 5.10, 2000

Nobuhide Wada
(Signature of Inventor) Nobuhide Wada

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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(Signature of Inventor) Hiroyuki YanoDate: 21 September, 2000Masaaki Komatsu
(Signature of Inventor) Masaaki KomatsuDate: 18 September, 2000Osamu Tada
(Signature of Inventor) Osamu Tada

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