

10-12-2005



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| 1) Nobuhiko UENO | 4) Hideko AKAI |
| 2) Takahiro SAITOU | 5) Hideaki TANAKA |
| 3) Masanobu YOKOYAMA | |

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

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Execution Date: 1) 09/12/05 4) 09/12/05
2) 09/12/05 5) 09/09/05
3) 09/12/05

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

Name: Mitsubishi Chemical Corporation
Address: 33-8, Shiba 5-chome, Minato-ku
Tokyo 108-0014 JAPAN

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

112963 U.S. PTO
11/240619
100305

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

☒ This document is being filed together with a new application

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:

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

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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.

Frederick D. Vastine, Ph.D.
Name of Person Signing

F.D. Vastine
Signature

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PATENT
REEL: 017061 FRAME: 0963

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Nobuhiko UENO of Kanagawa, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

Takahiro SAITOU of Mie, Japan

Masanobu YOKOYAMA of Mie, Japan

Hideko AKAI of Kanagawa, Japan

Hideaki TANAKA of Tokyo, Japan

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: POLYVINYL ALCOHOL BASED BLOCK
COPOLYMER AND PIGMENT DISPERSION AQUEOUS LIQUID USING THE SAME AND
RECORDING LIQUID

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on September 9, 2005 and September 12, 2005

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, MITSUBISHI CHEMICAL CORPORATION

(hereinafter referred to as "ASSIGNEE") having a place of business at: 33-8, Shiba 5-chome, Minato-ku,

Tokyo 108-0014 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.

03/03

PATENT
REEL: 017061 FRAME: 0964

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 1940 Duke Street Alexandria, Virginia 22314 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: Sep. 12, 2005

NOBUHIKO UENO
(Signature of Inventor) Nobuhiko UENO

Date: Sep. 12, 2005

TAKAHIRO SAITOU
(Signature of Inventor) Takahiro SAITOU

Date: Sep. 12, 2005

Masanobu Yokoyama
(Signature of Inventor) Masanobu YOKOYAMA

Date: Sep. 12, 2005

Hideko Akai
(Signature of Inventor) Hideko AKAI

Date: Sep. 9, 2005

Hideaki Tanaka
(Signature of Inventor) Hideaki TANAKA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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