

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masanobu TAKAHASHI	11/13/2007
Masumi KOIKE	11/13/2007
Hirotoomi TAMURA	11/13/2007

RECEIVING PARTY DATA

Name:	SAN-EI KAGAKU CO., LTD.
Street Address:	31-16, Horifune 1-chome, Kita-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	114-0004

Name:	SHOWA DENKO K.K.
Street Address:	13-9, Shiba Daimon 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8518

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11943072

CORRESPONDENCE DATA

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PATENT
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8068-1017

NAME OF SUBMITTER:

Benoit Castel

Total Attachments: 1
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ASSIGNMENT

WHEREAS,

Masanobu TAKAHASHI, Masumi KOIKE and Hirotomi TAMURA

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

Alkylene Carbonate Dilution, Alkylene Carbonate for Preparing the
Dilution, and Aqueous Reducing Chemical Agent

(a) for which an application for a United States patent was filed on

_____, Application No. _____,

(b) for which an application for a United States patent was executed on

November 13, 2007,

WHEREAS, 1) SAN-EI KAGAKU CO., LTD. and 2) SHOWA DENKO K.K.

whose addresses are 1) 31-16, Horifune 1-chome, Kita-ku, Tokyo 114-0004 JAPAN and

2) 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 JAPAN,

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in
and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt
whereof is acknowledged, and other good and valuable consideration, applicant(s), by these
presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right
to the said invention in the United States and the entire right, title and interest in and to any and all
patents which may be granted therefor in the United States, for its sole use and behoof, and for
the use and behoof of its legal representatives, to the full end of the term for which said patents
may be granted, as fully and entirely as the same would have been held by applicant(s) had this
assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and
Trademarks to issue said United States patents to said assignee(s).

Date November 13, 2007,

Masanobu TAKAHASHI
(signature) Masanobu TAKAHASHI

Date November 13, 2007,

Masumi KOIKE
(signature) Masumi KOIKE

Date November 13, 2007,

(H.T.)
Hirotomi TAMURA
(signature) Hirotomi TAMURA