

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Shoichi MIYAWAKI</td><td>07/26/2011</td></tr><tr><td>Shiho KATSUKAWA</td><td>07/27/2011</td></tr><tr><td>Hiroshi ABE</td><td>07/27/2011</td></tr><tr><td>Yuko IJIMA</td><td>08/01/2011</td></tr><tr><td>Akira ISOGAI</td><td>08/03/2011</td></tr></tbody></table>	Name	Execution Date	Shoichi MIYAWAKI	07/26/2011	Shiho KATSUKAWA	07/27/2011	Hiroshi ABE	07/27/2011	Yuko IJIMA	08/01/2011	Akira ISOGAI	08/03/2011	
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RECEIVING PARTY DATA													
Name:	NIPPON PAPER INDUSTRIES CO., LTD.												
Street Address:	4-1, Oji 1-chome, Kita-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	114-0002												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13257732</td></tr></tbody></table>	Property Type	Number	Application Number:	13257732									
Property Type	Number												
Application Number:	13257732												
CORRESPONDENCE DATA													
Fax Number:	(703)816-4100												
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Correspondent Name:	Arthur R. Crawford												
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ATTORNEY DOCKET NUMBER:	ARC-159-136												
NAME OF SUBMITTER:	Arthur R. Crawford												
Total Attachments: 2 source=ASSGN#page1.tif source=ASSGN#page2.tif													

OP \$40.00 13257732

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PATENT
REEL: 026934 FRAME: 0905

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Shoichi MIYAWAKI
Shiho KATSUKAWA
Hiroshi ABE
Yuko IJIMA
Akira ISOGAI

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable
(Address) considerations paid to each of the undersigned, the undersigned agree(s) to assign, and
hereby does assign, transfer and set over to
NIPPON PAPER INDUSTRIES CO., LTD.
(Address) of 4-1, Oji 1-chome,, Kita-ku, Tokyo 114-0002 Japan
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest
for the United States, its territories, dependencies and possessions, and for the country of
(Other in the invention, and all application(s) for patent and any Letters Patent which may
Countries) be granted therefor, known as
(Title)

METHOD FOR RECOVERY/REUSE OF N-OXYL COMPOUND

(Case No. -)

for which the undersigned has (have) executed on even date herewith an application for
patent in the United States of America or, if not on even date, then has executed
on or has already filed in
U.S. appin. Serial No. filed on

The undersigned acknowledges an obligation of assignment of this invention to said
assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the
application or any interference which may be declared and any continuing or divisional applications
thereof and also to execute separate assignments in connection with such applications as the Assignee
may deem necessary or expedient and further to perform any act which may be necessary in connection
with claims or provisions of the International Convention for Protection of Industrial Property or similar
agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a
grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any
and all Letters Patent of the United States resulting from said application or any division or divisions or
continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby
covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has
(they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on
this assignment any further identification which may be necessary or desirable in order to comply with the
rules of the United States Patent Office for recordation of this document. It is understood and agreed that
ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to
represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned
signature(s).

Date 26/07/2011 Signature of inventor

Shoichi Miyawaki

Shoichi MIYAWAKI

Date 27/07/2011 Signature of inventor

Shiho Katsukawa

Shiho KATSUKAWA

Date 27/07/2011 Signature of inventor

Hiroshi Abe

Hiroshi ABE

Date 01/08/2011 Signature of inventor

Yuko Iijima

Yuko IIJIMA

Date 03/08/2011 Signature of inventor

Akira Isogai

Akira ISOGAI

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

Date _____ Signature of inventor

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