

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Satoshi Kanbe</td> <td>06/29/2010</td> </tr> <tr> <td>Kazumi Hosono</td> <td>07/01/2010</td> </tr> <tr> <td>Masahiro Wada</td> <td>07/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi Kanbe	06/29/2010	Kazumi Hosono	07/01/2010	Masahiro Wada	07/05/2010				
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<b>CORRESPONDENCE DATA</b>													
Fax Number: (608)662-1276 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 608-662-1277 Email: docketing@casimirjones.com Correspondent Name: Casimir Jones, S.C. Address Line 1: 2275 DEMING WAY, SUITE 310 Address Line 4: MIDDLETON, WISCONSIN 53562													
ATTORNEY DOCKET NUMBER:	HARAK-31540/US-1/PCT												
NAME OF SUBMITTER:	Robert A. Goetz												
Total Attachments: 1 source=31540AssignEXEC#page1.tif													

CH \$40.00 12864746

**501244544**

**PATENT**  
**REEL: 024746 FRAME: 0792**

ASSIGNMENT

WHEREAS, WE, **Satoshi KANBE, Kazumi HOSONO and Masahiro WADA**, hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INORGANIC IODIDE, PRODUCTION METHOD THEREOF, AND PRODUCTION SYSTEM THEREOF

International Filing Date: January 29, 2009

PCT Application No.: PCT/JP2009/051422  
U.S. Patent Application No. 12,186,746

WHEREAS, *Nippon Chemicals Co., Ltd.* a Corporation having a place of business at 3-3-3, Nihonbashi-Muromachi, Chuo-ku, Tokyo 103-0022 Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent; authorization is given to our attorneys to insert the U.S. Patent Application No. in the space provided when known.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

Satoshi Kanbe June 29, 2010  
Satoshi KANBE DATE

Kazumi Hosono July 1, 2010  
Kazumi HOSONO DATE

Masahiro Wada July 5, 2010  
Masahiro WADA DATE

STATE OF )  
COUNTY OF ) ss.

On this 13 day of July, in the year of 2010, before me, the undersigned Notary Public or Witness, personally appeared the above-named ASSIGNORS, known to me (or proven to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

Yoshiharu Ito  
NOTARY PUBLIC or WITNESS

SEAL

MY COMMISSION EXPIRES: \_\_\_\_\_