

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Tomoaki YAMASHITA	11/03/2010
Sumiko NAKAJIMA	11/02/2010
Sadao ITOU	11/02/2010
Fumio INOUE	11/02/2010
Shigeharu ARIKE	11/03/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI CHEMICAL COMPANY, LTD.
<b>Street Address:</b>	1-1, Nishishinjuku 2-chome
<b>City:</b>	Shinjuku-ku, Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13060095
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)312-6666
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	703-312-6600
<b>Email:</b>	gthomsom@antonelli.com
<b>Correspondent Name:</b>	ANTONELLI, TERRY, STOUT & KRAUS, LLP
<b>Address Line 1:</b>	1300 NORTH SEVENTEENTH STREET
<b>Address Line 2:</b>	SUITE 1800
<b>Address Line 4:</b>	ARLINGTON, VIRGINIA 22209-3873
<b>ATTORNEY DOCKET NUMBER:</b>	1204.51451X00
<b>NAME OF SUBMITTER:</b>	Alan E. Schiavelli
<b>Total Attachments: 1</b>	

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**501444918**

**PATENT**  
**REEL: 025841 FRAME: 0554**



# ASSIGNMENT

ATTY. DOCKET NO.:

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

## METHOD FOR SURFACE TREATMENT OF COPPER AND COPPER

for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

for which U.S. Application Serial No. \_\_\_\_\_ for Letters Patent was filed in the U.S. Patent and Trademark Office on \_\_\_\_\_

for which an International Application was filed on **June 17, 2009** as **PCT/JP2009/061050**, designating the United States.

AND WHEREAS **HITACHI CHEMICAL COMPANY, LTD.**, Japanese company at  
1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo Japan

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP 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 and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR <b>Tomoaki YAMASHITA</b>	INVENTOR'S SIGNATURE <i>Tomoaki Yamashita</i>	DATE 2010.11.3
202	FULL NAME OF SECOND JOINT INVENTOR <b>Sumiko NAKAJIMA</b>	INVENTOR'S SIGNATURE <i>Sumiko Nakajima</i>	DATE 2010.11.2
203	FULL NAME OF THIRD JOINT INVENTOR <b>Sadao ITOU</b>	INVENTOR'S SIGNATURE <i>Sadao ITOU</i>	DATE 2010.11.2
204	FULL NAME OF FOURTH JOINT INVENTOR <b>Fumio INOUE</b>	INVENTOR'S SIGNATURE <i>Fumio Inoue</i>	DATE 2010.11.2
205	FULL NAME OF FIFTH JOINT INVENTOR <b>Shigeharu ARIKE</b>	INVENTOR'S SIGNATURE <i>S. Arike</i>	DATE 2010.11.3
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

**PATENT**

RECORDED: 02/22/2011

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