

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hideo NAKAKO	03/17/2010
Kazunori YAMAMOTO	03/17/2010
Yasushi KUMASHIRO	03/17/2010
Youichi MACHII	03/17/2010
Shunya YOKOZAWA	03/23/2010
Yoshinori EJIRI	03/23/2010
Katsuyuki MASUDA	03/23/2010
RECEIVING PARTY DATA	
Name:	HITACHI CHEMICAL COMPANY, LTD.
Street Address:	1-1, Nishishinjuku 2-chome, Shinjuku-ku,
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12808768
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1204.50867X00

OP \$40.00 12808768

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**PATENT
 REEL: 024550 FRAME: 0802**

NAME OF SUBMITTER:

Alan E. Schiavelli

Total Attachments: 1

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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
COPPER CONDUCTOR FILM AND MANUFACTURING METHOD THEREOF, CONDUCTIVE SUBSTRATE AND MANUFACTURING METHOD THEREOF, COPPER CONDUCTOR WIRING AND MANUFACTURING METHOD THEREOF, AND TREATMENT SOLUTION

- 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 **December 17, 2008** as **PCT/JP2008/073006**, 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.

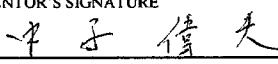
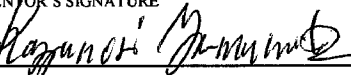
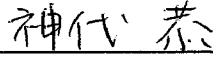
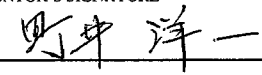
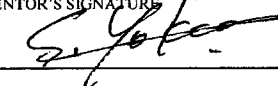
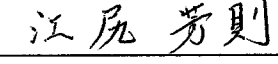
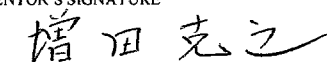
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including 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.

NO.	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
201	Hideo NAKAKO		March 17, 2010
202	Kazunori YAMAMOTO		March 17, 2010
203	Yasushi KUMASHIRO		March 17, 2010
204	Youichi MACHII		March 17, 2010
205	Shunya YOKOZAWA		March 23, 2010
206	Yoshinori EJIRI		March 23, 2010
207	Katsuyuki MASUDA		March 23, 2010

PATENT

RECORDED: 06/17/2010

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