)RM PTO-1595 (Modified) ev. 03-09) AB No. 0651-0027 (exp. 3/31/2009) 6A/REV06

U.S. PTO 12/659172 02/26/2010 03-10-2010



Docket No.: PHCF-10006US

U.S. DEPARTMENT OF COMMERC

Patent and Trademark Offic

321 Old Courthouse Road Suite 200 City: Vienna State/Prov.: Virginia Country: USA ZIP: 22182-3817 Phone Number: 703-761-4100 Fax Number: 703-761-2375 or 76 Email Address: admin@mcginniplaw.com Signature: Signature Sean M. McGinn, Esq.	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481 (deficiencies only) Authorized User Name Sean M. McGinn February 26, 2010 Date	
State 200 City: Vienna State/Prov.: Virginia Country: USA Phone Number: 703-761-4100 Fax Number: 703-761-2375 or 76 Email Address: admin@mcginniplaw.com	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card	
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Address: McGinn Intellectual Property Law Group, PLLC	☐ Authorized to be charged by credit card	
Registration No.: 34,386	, , , , ,	
vame: Sean M. McGinn, Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Additional numbers atta	ched? ☐ Yes ☑ No	
A. Patent Application No. (s)	B. Patent No.(s)	
	This document is being filed together with a new application	
☐ Executive Order 9424, Confirmatory License ☐ Other	Additional name(s) & address(es) attached? ⊠ Yes ☐ No	
☐ Joint Research Agreement ☐ Government Interest Assignment	Country: Japan ZIP:	
☐ Security Agreement☐ Change of Name☐ Joint Research Agreement		
Assignment	City: Tokyo State/Prov.:	
xecution Date(s): February 26, 2010	City Telms	
Nature of conveyance/Execution Date(s):		
Additional names(s) of conveying party(ies) Yes X No		
· / · · · · · · ·	Address: 14-1, Sotokanda 4-chome, Chiyoda-ku	
4) Hiroshi OKIKAWA 8) Iku HIGASHIDANI	Name: Hitachi Cable, Ltd.	
3) Hiromitsu KURODA 7) Yukio ITO	1	
1) Hajime NISHI 5) Kuniaki KIMOTO 2) Ken TAKAHASHI 6) Hiroyuki AKUTSU 3) Hiromitsu KURODA 7) Yukio ITO		
. Name of conveying party(ies): 1) Hajime NISHI 2) Ken TAKAHASHI 3) Hiromitsu KURODA 5) Kuniaki KIMOTO 6) Hiroyuki AKUTSU 7) Yukio ITO	1294 Lease record the attached documents or the new address(es) below 2. Name and address of receiving party(ies):	

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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RECORDATION FORM COVER SHEET

PATENTS ONLY

Name and address of sig	ning party(ies):
Name: Hitachi Cable Fin	ne-Tech, Ltd.
Address: 10-1, Kawajii	i-cho, 4-chome,
City: <u>Hitachi-shi</u>	State/Prov.: <u>Ibaraki</u>

PATENT REEL: 024057 FRAME: 0338

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR Hajime NISHI c/o Hitachi Cable,Ltd., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

Ken TAKAHASHI c/o Hitachi Cable, Ltd., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

Hiromitsu KURODA c/o Hitachi Cable, Ltd., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

Hiroshi OKIKAWA c/o Hitachi Cable, Ltd., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

Kuniaki KIMOTO c/o Hitachi Cable Fine-Tech, Ltd., 10-1, Kawajiri-cho 4-chome, Hitachi-shi, Ibaraki, Japan

Hiroyuki AKUTSU c/o Hitachi Cable Fine-Tech, Ltd., 10-1, Kawajiri-cho 4-chome, Hitachi-shi, Ibaraki, Japan

Yukio ITO c/o Hitachi Cable Fine-Tech, Ltd., 10-1, Kawajiri-cho 4-chome, Hitachi-shi, Ibaraki, Japan

Iku HIGASHIDANI c/o Hitachi Cable Fine-Tech, Ltd., 10-1, Kawajiri-cho 4-chome, Hitachi-shi, Ibaraki, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

SOLAR CELL LEAD, METHOD OF MANUFACTURING THE SAME, AND SOLAR CELL USING THE SAME

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE Hitachi Cable, Ltd.

14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

Hitachi Cable Fine-Tech, Ltd.

10-1, Kawajiri-cho 4-chome, Hitachi-shi, Ibaraki, Japan

1

PATENT REEL: 024057 FRAME: 0339 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

Be

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the

United States Patent obtained therefor on said application or any (Assignment of Application for Patent - page 2 of 3)

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to

PATENT REEL: 024057 FRAME: 0340 apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING	IN WITNESS WHEREOF, I/We have hereunto set
	hand and seal this 26th day of february, 2010.
Signature	By: Hajime Nishi Hajime NISHI
SIGNATURE	By: Ken Takahushi Ken TAKAHASHI
SIGNATURE	By: Hiromitsu Kuroda Hiromitsu KURODA
SIGNATURE	By: Hiroshi Oferkawa Hiroshi OKIKAWA
SIGNATURE	By: <u>Kuniahi Kimata</u> Kuniaki KIMOTO
SIGNATURE	By: <u>Niroyulei Abutsu</u> Hiroyuki AKUTSU
SIGNATURE	By: Yukio ITO
SIGNATURE	By: <u>Higashidani</u> Iko HIGASHIDANI
WITNESSES	Masaaki Kato

(Assignment of Application for Patent -- page 3of 3)

PATENT REEL: 024057 FRAME: 0341

RECORDED: 02/26/2010

WITNESSES