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U.S. PTO 11/887439 11/16/2007

OKM P10-1393 (modified)		ER SHEE	T U.S. DEPARTMENT OF COMMEI Patent and Trademark O		
11-16.07	103465994				
To the Honorable Assistant Secretary and Commissioner thereof.	of Patents and Tradema	arks: Please record the	attached original document(s) or copy(ies)		
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Tsuyoshi TAKANO, Takahide JOICHI and Hiroaki OKAGAWA		Name: MITSUBISHI CABLE INDUSTRIES, LTD.			
Additional name(s) of conveying party(ies) attached? No		Address: 4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100			
3. Nature of conveyance:		8303, Japan			
X Assignment Merge Security Agreement Chang Other Execution Date: October 10, 2007	er ge of Name	Additional name(s) & address(es) attached? No			
4. Application number(s) or patent number(s):					
If this document is being filed together with a new A. Patent Application No.(s) 11/887,439, filed September 28, 2007		B. Patent No.(s)	ication is:		
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Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Michael R. Davis, Esq.		7. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
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Michael R. Davis, Reg. No.25,134 Name of Person Signing	Signature	,Q002	November 16, 2007 Date		
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ATTORNEY DOCKET NO. 2007_1593

PATENT REEL: 020202 FRAME: 0514

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned Tsuyoshi TAKANO, Takahide JOICHI and Hiroaki OKAGAWA				
Insert Name(s) of Inventor(s)					
	the undersigned hereby sell(s) and assign(s) to				
Insert Name(s)	MITSUBISHI CABLE INDUSTRIES, LTD.				
of Assignee(s) Address	of 4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8303 Japan				
	(hereinafter designated as the Assignee) the entire right, title and interest for the				
Title of	United States as defined in 35 USC 100, in the invention known as				
Invention	SEMICONDUCTOR ELEMENT AND METHOD FOR MANUFACTURING SAME				
	for which an application for patent in the United States of America has resulted				

> The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the

from International Application Serial No. PCT/JP2006/307526 filed on April 4,

Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and 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 Patents of the United States resulting from said application or any division or divisions or continuing or reissue 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 WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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.

> PATENT REEL: 020202 FRAME: 0515

name(s).					
Date October 10,	2007 , Name	e of the Inventor	Tsuyoshi	TAKANO TAKANO	
Date October 10,	2007 , Name	e of the Inventor	Takahide .	TOICHI Takahide JOICHI	
Date October 10,	2007 , Name	e of the Inventor	Hiroaki Ok	AC AWA Hiroaki OKAGAWA	
then the execution by the		ıld be witnessed	by at least two v	ed States Consul. If not, vitnesses who sign here.)	
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Witness Shin Hirac		radka	Snin Hiraoka		
	ACKI	IOWLEDG:	MENT		
personally came the ab-	vho did acknowled	sonally known as ge to me that he	s the individual(20, before me s) who executed the the same of his (their) own	
SEAL			Official Signature		
			Official	Title	
The above appli	cation may be mor	e particularly ide	entified as follow	rs:	
U.S. Application Serial	-	-			
Applicant Reference Nu	mber		Atty Docket No.		
Title of Invention					

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

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PATENT REEL: 020202 FRAME: 0516