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Corrective Document Reel # Frame #  Conveying Party(ies) 1. Kenichi ONO 2. Masayoshi TAKEMI 3. 4. 5. 6. Mark if Additional Names of Conveying Parties Attached  Receiving Party Name Address Attorney Docket No. 403316/ACVAMA Washington, D. C. 20005-3960 Attorney Docket No. 403316/ACVAMA Washington, D. C. 20005-3960 Application Number(s) or Patent Number(s)  Patent Application Numbers  Patent Application Numbers  Patent Application Numbers  Fatent he betain Agadesion Number or the Patent Number (Do NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  Patent Application Numbers  Fet Amount  Fet PCT application number only if a U.S. Application Number has not been assigned.  PCT				513	
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1. Kenichi ONO 2. Masayoshi TAKEMI 3. 4 5. 6 6. Mark if Additional Names of Conveying Parties Attached  Receiving Party Name Name Name Name Address Address Chiyoda-ku Address Chiyoda-ku Address Chiyoda-ku Address Chiyoda-ku Address Chiyoda-ku Address Chiyoda-ku Address Address Address Address Chiyoda-ku Address Chiyoda-ku Address Chiyoda-ku Address Address Chiyoda-ku Address Address Chiyoda-ku Address Address Address Address Chiyoda-ku Address Ad				7	
2. Masayoshi TAKEMI 3. 4. 5. 6. Mark if Additional Names of Conveying Parties Attached  Receiving Party Name Mitsubishi Denki Kabushiki Kaisha Name Address 2.3, Marunouchi 2-chome Address Chiyoda-ku Address Tokyo State/Country Zip Code  Mark if Additional Names of Receiving Parties Attached  Correspondent Name and Address  Jeffrey A. Wyand Telephone: (202) 737-6776 Leydig, Voit & Mayer Tool Thirteenth St., N.W. Suite 300 Attorney Docket No. 403316/AOYAMA Washington, D.C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2  Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Aumber (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  If this document is being filed together with a new Patent Application, enter the date the patent Month Day Year application was signed by the first named executing inventor.  Patent Cooperation Treaty (PCT) Put PCT PCT PCT  Number of Properties  Enter the total number of properties involved: 1 Fee Amount  Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:    Fee Amount   Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:   Charge Deposit Account No. 12-1216: Yes No  Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458 Name of Person Signing  Patent Authorization to Charge Additional Fees to Deposit Account are authorized, as indicated herein.					
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5. 6. Mark if Additional Names of Conveying Parties Attached  Receiving Party Name Mitsubishi Denki Kabushiki Kaisha Name Address 2-3, Marunouchi 2-chome Address Chiyoda-ku Address Chiyoda-ku Address Toky Gity State/Country Zip Code  Mark if Additional Names of Receiving Parties Attached  Correspondent Name and Address  Jeffrey A. Wyand Leydig, Voit & Mayer Facsimile: (202) 737-6770  To Thirteenth St., N.W. Suite 300  Washington, D.C. 20005-3980  Pages Enter the total number of pages of the attached conveyance document including any attached marked in the Patent Application Number(s)  Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Number(s) Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application, enter the date the patent December 10, 2004  Patent Cooperation Treaty (PCT) Finer PCT application number only if a U.S. Application Number (DO NOT ENTER BOTH numbers of PCT)  Number of Properties  Enter the total number of properties involved: 1  Fee Amount  Fee Amount for Properties Enter the total number of properties involved: 1  Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:    PCT			December 10, 20	04	
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Mark if Additional Names of Conveying Parties Attached					
Receiving Party   Name   Mitsubishi Denki Kabushiki Kaisha   Name   Address   2-3, Marunouchi 2-chome   Address   Chiyoda-ku   Address   Chiyoda-ku   Address   Chiyoda-ku   Address   Tokyo   State/Country   Zip Code		ed			
Name Address					
Address Chiyoda-ku Address Zip Code  Telephone: (202) 737-6770  Telephone: (202) 737-6770  Facsimile: (202) 737-6770  Facsimile: (202) 737-6770  Facsimile: (202) 737-6776  Attorney Docket No. 403316/AOYAMA Washington, D. C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2  Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers Patent Application, enter the date the patent Month Day Year December 10, 2004  If this document is being filed together with a new Patent Application, enter the date the patent Month Day Year December 10, 2004  Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT PCT PCT  Number of Properties Enter the total number of properties involved: 1  Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:  Enclosed is a check in the amount of \$  Charge Deposit Account No. 12-1216  Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458  Name of Person Signing Signature  Date	Name Mitsubishi Denki Kabushiki Kaisha				
Address Chiyoda-ku Address Tokuo City State/Country State/Country State/Country Telephone: (202) 737-6770 Telephone: (202) 737-6770 Leydig, Voit & Mayer Attorney Docket No. 490316/ACVAMA Washington, D.C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2 Application Number(s) Factine of the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers Patent Numbers  If this document is being filed together with a new Patent Application, enter the date the patent Application number only if a U.S. Application number of pages application was signed by the first named executing inventor.  Patent Cooperation Treaty (PCT) Number has not been assigned.  PCT PCT PCT  Number of Properties  Enter the total number of properties involved: 1  Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458 Name of Person Signing  Name of Person Signing  Signature  To take the patent authorized, as indicated herein.					
Address Tokvo City State/Country Zip Code  Mark if Additional Names of Receiving Parties Attached  Correspondent Name and Address  Jeffrey A. Wyand Telephone: (202) 737-6770 Leydig, Voit & Mayer Facsimile: (202) 737-6776 700 Thirteenth St., N.W. Suite 300 Attorney Docket No. 403316/AOYAMA Washington, D.C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2  Application Number(s) or Patent Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  Patent Application Numbers  If this document is being filed together with a new Patent Application, enter the date the patent page of the same property).  Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT PCT  Number of Properties  Enter the total number of properties involved: 1  Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:  Enclosed is a check in the amount of \$  Charge Deposit Account No. 12-1216  Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg, No. 29,458  Name of Person Signing  Signature  Fermany  To take the patent Application of Telephone: (202) 737-6776  Attorney Docket No. 40316/AOYAMA  Telephone: (202) 737-6776  Attorney Docket No. 40316/AOYAMA  Attorney Docket No. 40316/AOYAMA  Telephone: (202) 737-6776  Attorney Docket No. 40316/AOYAMA  Telephone: (202) 737-6776  Attorney Dock					
City State/Country Zip Code    Mark if Additional Names of Receiving Parties Attached			400 0040		
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Jeffrey A. Wyand Leydig, Voit & Mayer Tolephone: (202) 737-6770 Leydig, Voit & Mayer Tolephone: (202) 737-6776 Attorney Docket No. 403316/AOYAMA Washington, D.C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2 Application Number(s)			Zip Code		
Jeffrey A. Wyand Leydig, Voit & Mayer 700 Thirteenth St., N.W. Suite 300 Rages Enter the total number of pages of the attached conveyance document including any attachments: 2 Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  Patent Application Numbers  Patent Application Numbers  Patent Numbers  Patent Numbers    If this document is being filed together with a new Patent Application, enter the date the patent Numbers    If this document is being filed together with a new Patent Application, enter the date the patent December 10, 2004    Patent Cooperation Treaty (PCT)					
Leydig, Voit & Mayer 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2 Application Number(s) or Patent Number(s) Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  Patent Application Numbers  Patent Numbers  Per PCT PCT PCT PCT PCT  Number of Properties  Enter the total number of properties listed (37 CFR 3.41): 40.00  Method of Payment:  Enclosed is a check in the amount of \$ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458  Name of Person Signing					
Attorney Docket No. 403316/AOYAMA Washington, D.C. 20005-3960	Jeffrey A. Wyand		Telephor	ne: (202) 737-6770	
Washington, D.C. 20005-3960       Pages       Enter the total number of pages of the attached conveyance document including any attachments: 2         Application Number(s) or Patent Number(s)					
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.  Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT				,0,1,0,7,	
application was signed by the first named executing inventor.  Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT PCT  PCT  Number of Properties  Enter the total number of properties involved: 1  Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:  □ Enclosed is a check in the amount of \$ □ Charge Deposit Account No. 12-1216  Authorization to Charge Additional Fees to Deposit Account No. 12-1216: □ Yes □ No  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458  Name of Person Signing  Note To The DCT  PCT  PCT  PCT  PCT  PCT  PCT  PCT					
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Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT  PCT  PCT  PCT  PCT  PCT  PCT	application was signed by the first named executing invent	or.			
Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT PCT PCT PCT PCT  Number of Properties  Enter the total number of properties involved: 1  Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:  Enclosed is a check in the amount of \$  Charge Deposit Account No. 12-1216  Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458 Name of Person Signing  Signature  Date				2004	
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Authorization to Charge Additional Fees to Deposit Account No. 12-1216:   Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458  Name of Person Signing  Signature  No. 12-1216:  Yes No. 10-12-12-16:  Yes No. 12-12-16:  Yes No. 12-1					
Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.  Jeffrey A. Wyand, Reg. No. 29,458  Name of Person Signing  Signature  Signature  Date					
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Jeffrey A. Wyand, Reg. No. 29,458  Name of Person Signing  Signature  February (, 20) 5  Date	true copy of the original document. Charges to denos	imormation is true and	i correct and any at	uacned copy is a	
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## **ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is acknowledged, the undersigned, Kenichi ONO and Masayoshi TAKEMI			
	MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, ooda-ku, Tokyo 100-8310 Japan		
	Odd Ru, 10RyO 100-8510 Dapan		
sells,	assigns, and transfers to		
MITSUB	ISHI DENKI KABUSHIKI KAISHA		
of 2-3	, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 JAPAN		
	ssignee), its successors and assigns, the entire right, and interest in and to:		
(i)	the application for United States Letters Patent entitled:		
SEMICO	INDUCTOR LASER DEVICE AND METHOD FOR MANUFACTURING THE SAME		
	which was executed by the undersigned on, or was filed on and accorded Serial No (the Application);		
(ii)	any and all inventions and improvements that are described in the Application;		
(iii)	any and all United States Letters Patents that may be granted on the Application (the Patent);		
(iv)	any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; and		
(v)	all benefits under the International Convention for the Protection of Industrial Property.		
I	authorize the Assignee and its agents to insert in this ment the filing date and serial number of the Application.		

I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

PATENT REEL: 016243 FRAME: 0959 Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

DATE(S):	INVENTOR(S):
December 10, 2004	Kenidi Ono
December 10, 2007	mosayo'n Julani
	MANAGE

PATENT REEL: 016243 FRAME: 0960