

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Naoyuki KOIZUMI	03/17/2009
Kiyoshi OI	03/17/2009
Akihiko TATEIWA	03/17/2009
RECEIVING PARTY DATA	
Name:	Shinko Electric Industries Co., Ltd.
Street Address:	80, Oshimada-machi, Nagano-shi
City:	Nagano
State/Country:	JAPAN
Postal Code:	381-2287
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12408820
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	48370-0153 (436528)
NAME OF SUBMITTER:	John G. Smith
<p>Total Attachments: 2</p> <p>source=48370_0153_436528_Assignment#page1.tif</p>	

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REEL: 022434 FRAME: 0373

ATTORNEY DOCKET NO.:

SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: MODULE SUBSTRATE INCLUDING OPTICAL TRANSMISSION MECHANISM AND METHOD OF PRODUCING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Serial No. _____); and

WHEREAS, Shinko Electric Industries Co., Ltd., a corporation of Japan, whose post office address is 80, Oshimada-machi, Nagano-shi, Nagano, 381-2287, Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Naoyuki KOIZUMI	Assignor's Signature <i>Naoyuki KOIZUMI</i>	Date March 17, 2009
Address c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano, 381-2287, Japan		Citizenship Japan
Full Name of Second Assignor Kiyoshi OI	Assignor's Signature <i>Kiyoshi OI</i>	Date March 17, 2009
Address c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano, 381-2287, Japan		Citizenship Japan
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.:

Full Name of Third Assignor Akihiko TATEIWA	Assignor's Signature <i>Akihiko Tateiwa</i>	Date March 17, 2009
Address c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano, 381-2287, Japan		Citizenship Japan
Full Name of Fourth Assignor	Assignor's Signature	Date
Address		Citizenship
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Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input type="checkbox"/> No		

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RECORDED: 03/23/2009

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