

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jun FURUICHI	02/27/2012
Akihiko TATEIWA	02/27/2012
Naoyuki KOIZUMI	02/27/2012
RECEIVING PARTY DATA	
Name:	Shinko Electric Industries Co., Ltd.
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City:	Nagano-shi, Nagano
State/Country:	JAPAN
Postal Code:	381-2287
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13417665
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ATTORNEY DOCKET NUMBER:	120118
NAME OF SUBMITTER:	Mel R. Quintos
Total Attachments: 1 source=120118 Assignment#page1.tif	

CH \$40.00 13417665

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by Shinko Electric Industries Co., Ltd.,

(Insert ASSIGNEE'S Name(s) Address(es))

80, Oshimada-machi, Nagano-shi, Nagano 381-2287 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

WIRING SUBSTRATE AND METHOD OF MANUFACTURING THE SAME

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on March 12, 2012, Serial No. 13/417,665

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Jun Furuichi</u> (Signature)	<u>Jun FURUICHI</u> (Type Name)	<u>February 27, 2012</u> (Date)
<u>Akihiko Tateiwa</u> (Signature)	<u>Akihiko TATEIWA</u> (Type Name)	<u>February 27, 2012</u> (Date)
<u>Naoyuki KOIZUMI</u> (Signature)	<u>Naoyuki KOIZUMI</u> (Type Name)	<u>February 27, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED