

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Noriyuki JUNI</td><td>12/15/2008</td></tr><tr><td>Yusuke SHIMIZU</td><td>12/24/2008</td></tr></tbody></table>	Name	Execution Date	Noriyuki JUNI	12/15/2008	Yusuke SHIMIZU	12/24/2008	
Name	Execution Date						
Noriyuki JUNI	12/15/2008						
Yusuke SHIMIZU	12/24/2008						
RECEIVING PARTY DATA							
Name:	NITTO DENKO CORPORATION						
Street Address:	1-2, Shimohozumi 1-chome, Ibaraki-shi						
City:	Osaka						
State/Country:	JAPAN						
Postal Code:	567-8680						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12343736</td></tr></tbody></table>	Property Type	Number	Application Number:	12343736			
Property Type	Number						
Application Number:	12343736						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Lee C. Wright						
Total Attachments: 1 source=081033ASN#page1.tif							

OP \$40.00 12343736

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

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
NITTO DENKO CORPORATION

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

1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 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)

**OPTICAL WAVEGUIDE FOR TOUCH PANEL, TOUCH PANEL USING THE
OPTICAL WAVEGUIDE AND MANUFACTURING METHOD OF THE OPTICAL
WAVEGUIDE**

(*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 _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore 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><i>Noriyuki Juni</i></u> (Signature)	<u>Noriyuki JUNI</u> (Type Name)	<u>15/12/2008</u> (Date)
<u>Yusuke Shimizu</u> (Signature)	<u>Yusuke SHIMIZU</u> (Type Name)	<u>24/12/2008</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 03/17/2009

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