

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROYUKI YAMAZAKI	01/17/2011
HIROHITO YAMADA	01/17/2011
RECEIVING PARTY DATA	
Name:	NEC CORPORATION
Street Address:	7-1, SHIBA 5-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13015678
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	J-11-0043
NAME OF SUBMITTER:	Kensaku Sato
Total Attachments: 1 source=J-11-0043_Assignment#page1.tif	

OP \$40.00 13015678

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PATENT
 REEL: 025711 FRAME: 0233

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, We, the undersigned, Hiroyuki YAMAZAKI of Tokyo, Japan and Hirohito YAMADA of Miyagi, Japan

Hereby sell, assign and transfer to NEC Corporation
a corporation of Japan having a place of business at
7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan,
its successors, assigns and legal representatives, the entire right, title and interest in and
to any and all improvements which are disclosed in the application for United States
Patent, which has been executed by the undersigned on January 17, 2011
and is entitled

COMPOSITE OPTICAL WAVEGUIDE, VARIABLE-WAVELENGTH LASER, AND
METHOD OF OSCILLATING LASER;

Authorize and request the Commissioner of Patents to issue to said
Assignee, the corporation above named, its successors, assigns and legal
representatives, in accordance with this assignment, any and all United States Letters
Patent on said improvements, or any of them, disclosed in said application.

Date: January 17, 2011

Hiroyuki Yamazaki 
Hiroyuki YAMAZAKI

Witness:

Daijiro Inami
[Signature]

Date: January 17, 2011

Hirohito Yamada 
Hirohito YAMADA

Witness: _____
