PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
National Institute of Advanced Industrial Science and Technology	05/29/2009

RECEIVING PARTY DATA

Name:	NEC CORPORATION
Street Address:	7-1, Shiba 5-chome
Internal Address:	Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-8001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10549587

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Paul J. Esatto, Jr.

Total Attachments: 1

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PATENT REEL: 022765 FRAME: 0137 CH \$40.00 10

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ASSIGNMENT

National Institute of Advanced Industrial Science and Technology, a corporation of Japan (hereinafter "NIAIST"), having a place of business at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby sells, assigns, transfers and sets over to NEC Corporation, a corporation of Japan, having a place of business at 7-1 Shiba 5-Chome, Minato-ku, Tokyo, Japan, all the right, title and interest of NIAIST in, to and under the patent application Serial Number: 10/549,587 filed on September 13, 2005, including all rights of re-issue, extension, division or continuation, and the right to sue and recover damages for infringement thereof, the same to be held and enjoyed by NIAIST for their own use and for their successors and assigns to the full end of the term of the above patent and any other patent applications which may result from the above patent as fully and entirely as the same would have been held and enjoyed by NIAIST if this assignment had not been made.

NIAIST has caused this Assignme	nt to be executed by its duly authorized
representative this 29th day of 05	•
	National Institute of Advanced Industrial Science and Technology
Date: 01. June 2009	By Reacher Cogelin
WITNESS: Dikryr Workinita	Title: Director, Intellectual Property Department

PATENT REEL: 022765 FRAME: 0138

RECORDED: 06/02/2009