orm P	PTO-1595 JAN 0 9 2003 E REC	ET U.S Department of Commerce U.S Patent and Trademark Off	
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Тс	the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof	
	Name of Conveying Party(ies):	2. Name and address of receiving party(ies)	
\ddi	NEC Corporation	Name: Fab Solutions, Inc. Address: Nissei Shinmizonokuchi Bldg. 5F 3-5-7 Hisamoto, Takatsu-ku Kawasaki, Kanagawa 213-0011 Japan	
3.	Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: October 1, 2002	Additional name(s) and address(es) attached? ☐ Yes ☑ No	
1.	Application number(s) or patent number(s):		
	If this document is being filed together with a new application, the execution date of the application is:		
	A. Patent Application No(s).	B. Patent No(s).	
	09/451,440		
<u> </u>	Addi Name and address of party to whom correspondence	itional numbers attached? Yes No 6. Total number of applications and patents	
J.	concerning document should be mailed:	involved: 1	
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€.	Statement and signature.		
	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. A		
	Robert J. Patch	M January 9, 2003	
	Name of Person Signing Signature	Date	
	Total number of pages including cover sheet, attachments, and documents: 2		
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PATENT REEL: 013649 FRAME: 0294

PATENT APPLICATION ASSIGNMENT

WHEREAS, NEC Corporation, a Japanese corporation, having its principal place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan is the owner and assignee of record of the patent applications listed below;

WHEREAS, Fab Solutions, Inc., a Japanese corporation, having its principal place of business at Nissei Shinmizonokuchi Bldg. 5F, 3-5-7 Hisamoto, Takatsu-ku, Kawasaki, Kanagawa 213-0011, Japan is desirous of obtaining the entire right, title, and interest in the patent applications listed below and inventions disclosed therein, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, NEC Corporation, hereby sells, assigns and transfers to Fab Solutions, Inc., its successors and assigns, the Assignor's entire right, title and interest including rights to recover for past infringement in the below listed patent applications, the inventions disclosed therein, and to any and all patents for the United States of America, which may be granted thereon, and requests the Director- U.S. Patent and Trademark Office to issue any Letters Patents granted upon the inventions set forth in said Applications to the Assignee herein, its successors and assigns; and Assignor will execute without further consideration all papers deemed necessary by the Assignee in connection with said United States patent applications when called upon to do so by the Assignee.

Serial No.	<u>Filing Date</u> (Year.Month.Day)
10/006363	2001.12.10
09/451440	1999.11.30

IN WITNESS WHEREOF, NEC Corporation has executed this Assignment by proper persons duly authorized.

Attest: Attest

- TY CAPACE

NEC Corporation

Masao Maruyama Chief Manager

Planning Division

Intellectual Asset Operations Unit

Date: October 1, 2002

PATENT REEL: 013649 FRAME: 0295

RECORDED: 01/09/2003