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1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):							
1. Tokyo Electron Limited		· · · · · · · · · · · · · · · · ·	2.		/0\'` ~ \\		
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5. 7.			6. APR 1 6 2002 2				
7. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? THE SOLUTION (ASSIGNEE(S)) RECEIVING INTEREST:							
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:							
NAME: Tokyo Electron D	Device Limited						
ADDRESS: 1 Higashikat	:a-cho, Tsuzuki-ku, `	Yokohama city, Kana	igawa 224-0045	5 JAPAN	I		
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES ☒NO							
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Attorney: Glenn J. Per	Signatury i						
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PATENT PAT-114X 10/01 REEL: 012799 FRAME: 0895

ASSIGNMENT

We, TOKYOELECTRONLIMITED a Japanese corporation, located at 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan, the owner of the following U.S. Patent Application;

SERIAL NUMBER

DATE FILED

09/498,066

FEB. 4, 2000

hereby assign the entire right, title and interest in said U.S. Patent Application to TOKYO ELECTRON DEVICE LIMITED, a Japanese corporation, located at 1 Higashikata-cho, Tsuzuki-ku, Yokohama City, Kanagawa 224-0045, Japan, their successors, assigns, or other legal representatives.

The undersigned declares that he is authorized to sign this document on behalf of the corporation.

DATE: March 28, 2002

Name: Toshihiko Suga

Title: Vice President,

Intellectual Property

Dept.

PATENT
RECORDED: 04/16/2002 REEL: 012799 FRAME: 0896