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Naoyuki Shigyo, Takayuki Hiraoka, Kentaro Watanabe

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If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s)

11/051,729

B. Patent No.(s) _____

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward B. WellerDLA Piper Rudnick GrayInternal Address: Cary US LLP

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address: 2000 University AvenueCity: East Palo Alto State: CA Zip: 943036. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) _____ \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 07-1896

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PATENT
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SEMICONDUCTOR DEVICE

sell and assign to
KABUSHIKI KAISHA TOSHIBA,
a Japanese corporation, having a business address at
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its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

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and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

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