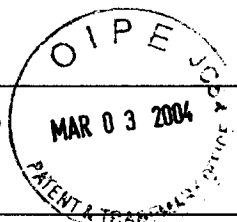


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Additional name(s) of conveying party(ies) Attached? Yes No

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1-1 Shibaura 1-chrome, Minato-ku
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A. Patent Application No.(s) **10/764,179**

B. Patent No.(s)

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5. Name and address of party to whom correspondence concerning document should be mailed:
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6. Total number of Applications and patents involved: 1
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ASSIGNMENT


We, Toshiba America Electronic Components, Inc., a corporation organized under the laws of California, located at 9775 Toledo Way, Irvine, California 92618, U.S.A., the assignee of the following U.S. Patent Application:

<u>SERIAL NO.</u>	<u>DATE FILED</u>	<u>INVENTOR</u>	<u>TITLE OF INVENTION</u>
10/764,179	01/23/04	Hiroaki Murakami Osamu Takahashi Jieming Qi	Systems and Methods for Operating Logic Circuits

hereby assign the entirety of our right, title and interest in said U.S. Patent Application, including all divisions, reissues, continuations, substitutions 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 said application to KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, located at 1-1 Shibaura 1-chome, Minato-ku, Tokyo, Japan, their successors, assigns, or other legal representatives.

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

TOSHIBA AMERICA ELECTRONIC
COMPONENTS, INC.

By: 
Name: Takeaki Fukuyama
Title: President

Date: Feb. 20. 2004

