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Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1 Shibaura 1-chome,  
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10976 U.S. PTO  
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If this document is being filed together with a new application, the execution date of the application is: October 15, 2002

A. Patent Application No.(s)

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22850

6. Total applications and patents involved: 1

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PATENT  
REEL: 013460 FRAME: 0686

# A S S I G N M E N T

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## TEMPERATURE SENSOR CIRCUIT HAVING TRIMMING FUNCTION

said application having been filed on \_\_\_\_\_  
and assigned Application No. \_\_\_\_\_ ;  
sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a corporation of Japan, having a business address at  
1-1 Shibaura 1-chome, Minato Ku, Tokyo, Japan

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 application for United States patent: (check one)

executed concurrently herewith;

executed separately herefrom:

and in and to all applications for patent and patents for said invention, in all countries of the world, 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 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 proceeding, sign all lawful papers, execute all divisional, continuing, 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 in all countries.

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Obion, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755  
Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

02S083-1

Inventor: (Signature)

Date

Residence

Masaru Mizuta  
Masaru Mizuta

OCT. 15. 2002

Kamakura-shi, Japan

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