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## 1. Name of conveying party(ies):

Harumasa SHIBATA  
Akito YOKOI  
Masao KOHASHI

## 2. Name and address of receiving party(ies):

MITSUBISHI DENKI KABUSHIKI KAISHA  
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11/187918Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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Execution Date: June 14, 13 and 14, 2005

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## 4. 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: June 14, 13 and 14, 2005

A. Patent Application No.(s)  
UnknownB. 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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1

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*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.*

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July 25, 2005

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PATENT  
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# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Harumasa SHIBATA, Akito YOKOI and Masao KOHASHI

hereby sells, assigns and transfers to

**MITSUBISHI DENKI KABUSHIKI KAISHA**  
of 2-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled KNOCK SENSOR  
which was executed by the undersigned on the dates indicated below  
or was filed on \_\_\_\_\_ and accorded Serial No. \_\_\_\_\_  
(hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application  
(hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions  
of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

(Harumasa SHIBATA) Harumasa Shibata  
(Akito YOKOI) Akito Yokoi  
(Masao KOHASHI) Masao Kohashi

DATE

Jun 14, 2005

Jun 13, 2005

Jun 14, 2005

PATENT

RECORDED: 07/25/2005

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