

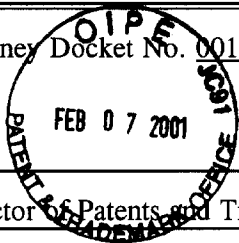
02-15-2001



Attorney Docket No. 001646

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**Conveyance type:**  Assignment  Security Agreement  
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Conveying Parties:		Execution Date
First party	Name: IMANAKA, Takayuki	12/26/2000
Second party	Name: MURAKAMI, Satoshi	12/26/2000
Third party	Name: ARINAGA, Yuji	12/26/2000
Fourth party	Name: SUZUKI, Koji	12/26/2000
Fifth party	Name:	
Additional name(s) of conveying party(ies) attached? Yes ___ No ___		09719962

**Receiving Party (ies):**  
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**PATENT**  
**REEL: 011508 FRAME: 0105**

**Correspondent Name and Address**

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**Pages** Enter the total number of pages of the attached conveyance document: 1  
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**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No

A. Patent Application No.(s)  
**09/719,962**

B. Patent No.(s)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_

**Patent Cooperation Treaty (PCT)**

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PCT \_\_\_\_\_  
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**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

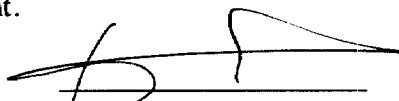
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**Statement and signature**

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.

Ken-Ichi Hattori  
Name of Person Signing

  
Signature

February 7, 2001  
Date

32,861  
Registration No.

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Rev. 11/00

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

Kabushiki Kaisha Yaskawa Denki

2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka, 806-0004, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

TWO-DIMENSIONAL ABSOLUTE POSITION SENSOR

(\*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. 09/719,962.

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Takayuki Imanaka</u> (SIGNATURE)	<u>Takayuki IMANAKA</u> (TYPE NAME)	<u>December 26, 2000</u> (DATE)
<u>Satoshi Murakami</u> (SIGNATURE)	<u>Satoshi MURAKAMI</u> (TYPE NAME)	<u>December 26, 2000</u> (DATE)
<u>Yuji Arinaga</u> (SIGNATURE)	<u>Yuji ARINAGA</u> (TYPE NAME)	<u>December 26, 2000</u> (DATE)
<u>Koji Suzuki</u> (SIGNATURE)	<u>Koji SUZUKI</u> (TYPE NAME)	<u>December 26, 2000</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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NO LEGALIZATION REQUIRED

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