
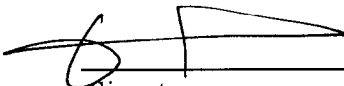


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A/D 581-40

Attorney Docket No. <b>030498</b>		RECORDATION FORM PATENTS (		08-26-2003 102534605 10416168		MERCE Office	
Commissioner for Patents: Please record the attached c							102534605
<b>Submission type:</b> <u>XX</u> New 5.16.03 <u>Resubmission (Non-Recordation)</u> Document ID #: _____ Correction of PTO Error Reel # _____ Frame # _____ Corrective Document Reel # _____ Frame # _____							
<b>Conveyance type:</b> <u>XX</u> Assignment _____ Security Agreement _____ License _____ Change of name _____ Merger _____ Other _____							
<b>Conveying Party (ies):</b> (Last, First, Middle Initial)				<b>Execution Date</b>			
First party	Name:	MIYANO, Ken		May 6, 2003			
Second party	Name:	MURAYAMA, Takahiko		May 6, 2003			
Third party	Name:	NAKAO, Takashi		May 6, 2003			
Fourth party	Name:	AKIYAMA, Shuji		May 6, 2003			
Additional name(s) of conveying party(ies) attached? Yes ___ No <u>XX</u> 10416168							
<b>Receiving Party (ies):</b>							
First party	Name:	MURATA KIKAI KABUSHIKI KAISHA					
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Additional name(s) & address(es) attached? Yes ___ No <u>XX</u>							
<b>Domestic Representative Name and Address</b>							
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<b>Page 2</b>	
<b>Correspondent Name and Address</b>	Telephone: 202-659-2930
ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006	
<b>Pages</b> Enter the total number of pages of the attached conveyance document: <u>1</u> (including any attachments, but not counting cover sheets)	
<b>Application Number(s) or Patent Number(s)</b> Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <u>XX</u> A. <u>Patent Application No.(s)</u> B. <u>Patent No.(s)</u>	
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>May 6, 2003</u>  (Do not recite both application and patent numbers.)	
<b>Patent Cooperation Treaty (PCT)</b> Enter PCT application number <u>only if</u> a U.S. Application Number has not been assigned	PCT <u>PCT/JP02/09018</u> PCT _____ PCT _____
<b>Number of Properties</b> Enter the total number of properties involved: <u>1</u>	
<b>Fee Amount</b> Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00  <u>XX</u> Enclosed  _____ Authorized to be charged to Deposit Account No.: <u>01-2340</u>	
<b>Statement and signature</b> 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.  <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <u>Ken-Ichi Hattori</u>            Name of Person Signing   <u>May 16, 2003</u>            Date         </div> <div style="width: 40%; text-align: center;">             _____            Signature   <u>32,861</u>            Registration No.         </div> </div>	
Rev. 11/00 KH:jaz	

**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)) Murata Kikai Kabushiki Kaisha, 3, Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601, Japan and Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 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) AUTOMATED GUIDED VEHICLE

(\*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. \_\_\_\_\_.

(Armstrong, Westerman & Hattori, LLP 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 therefore 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>Ken Miyano</u> (Signature)	<u>Ken MIYANO</u> (Type Name)	<u>6/5/2003</u> (Date)
<u>Takahiko Murayama</u> (Signature)	<u>Takahiko MURAYAMA</u> (Type Name)	<u>6/5/2003</u> (Date)
<u>Takashi Nakao</u> (Signature)	<u>Takashi NAKAO</u> (Type Name)	<u>6/5/2003</u> (Date)
<u>Shuji Akiyama</u> (Signature)	<u>Shuji AKIYAMA</u> (Type Name)	<u>6/5/2003</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED