

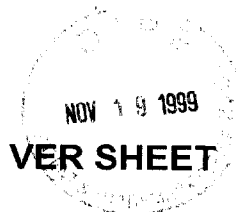
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U.S. Department of Commerce  
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ached original documents or copy thereof

<p>1. Name of conveying Masaru Morimoto, Ichiro Kubo, Hiroshi Yano and Sumiaki Adachi <b>Kubo</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>Omron Corporation</u></p> <p>Internal Address:</p> <p>Street Address: <u>20, Igadera, Shimokaiji Nagaokakyo-City</u></p> <p>City: <u>Kyoto</u></p> <p>State: _____ Zip: <u>617-0845</u></p> <p>Country: <u>Japan</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>November 1 and 2, 1999</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the Execution date(s) of the new application is (are): <u>November 1 and 2, 1999</u></p> <p>A. Patent Application No.(s): <u>09/391,241</u></p> <p>B. Patent No.(s): _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: O3020.0203/P203</u></p> <p>Attn: <u>Thomas J. D'Amico</u></p> <p>Street Address: <u>2101 L Street NW</u></p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037 - 1526</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R 3.41) \$ <u>\$40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Credit any overpayment or debit any underpayment</p> <p>8. Deposit account number: <u>4 - 1073</u></p>
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<p>9. Statement and signature.</p> <p><i>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.</i></p> <p><u>Thomas J. D'Amico</u>  <u>November 19, 1999</u></p> <p style="text-align: center;">Signature <span style="margin-left: 200px;">Date</span></p> <p>Reg. No. <u>28,371</u></p>	
<p>Total number of pages including cover sheet, attachments, and document: <u>6</u></p>	

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PATENT  
REEL: 010393 FRAME: 0257

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made this \_\_\_\_\_ day of \_\_\_\_\_,  
\_\_\_\_\_ by Masaru Morimoto, Ichiro Kubo, Hiroshi Yano and Sumiaki Adachi,  
(hereinafter referred to as Assignors), residing at ;

**WHEREAS**, Assignors have invented certain new and useful  
improvements in ORGANISM COLLATING METHOD AND APPARATUS ,  
set forth in an application for Letters Patent of the United States, filed on  
September 7, 1999 as U.S. application Serial No 09/391,241 and

**WHEREAS**, OMRON Corporation, a corporation organized under  
and pursuant to the laws of Japan having its principal place of business at 10,  
Tsuchido-cho, Hanazono, Ukyo-ku, Kyoto 616 , Japan, (hereinafter referred to  
as Assignee), is desirous of acquiring the entire right, title and interest in and to  
said inventions and said Application for Letters Patent of the United States, and in  
and to any Letters Patent of the United States to be obtained therefor and  
thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and  
other good and sufficient consideration, the receipt of which is hereby  
acknowledged, Assignors have sold, assigned, transferred and set over, and by  
these presents do sell, assign, transfer and set over, unto Assignee, its successors,  
legal representatives and assigns, the entire right, title and interest in and to the  
above-mentioned inventions and application for Letters Patent, and in and to any  
and all direct and indirect divisions, continuations and continuations-in-part of

said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said

inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP**

Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Laurence E. Fisher, 37,131; John R. Fuisz, 37,327; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Eric Oliver, 35,307; William E. Powell III, 39,803; Paul L. Ratcliffe, P-45,290; James M. Silbermann, 40,413; Salvatore P. Tamburo, P-45,153

AND Assignors acknowledge an obligation of assignment of this

invention to Assignee at the time the invention was made.

November 2, 1999  
Date

Masaru Morimoto  
Masaru Morimoto

**Witness:**

November 2, 1999  
Date

Mihoko Takahashi  
MIHOKO TAKAHASHI

November 2, 1999  
Date

Kunihiro Mitsu  
KUNIHIRO MITSU

November 2, 1999  
Date

Ichiro Kubo  
Ichiro Kubo

**Witness:**

November 2, 1999  
Date

Mihoko Takahashi  
MIHOKO TAKAHASHI

November 2, 1999  
Date

Kunihiro Mitsu  
KUNIHIRO MITSU

November 1, 1999

Date

Hiroshi Yano

Hiroshi Yano

Witness:

November 2, 1999

Date

Mihoko Takahashi

Mihoko Takahashi

November 2, 1999

Date

Miharu Sakuragi

Miharu Sakuragi

November 2, 1999

Date

Sumiaki Adachi

Sumiaki Adachi

Witness:

November 2, 1999

Date

Mihoko Takahashi

Mihoko Takahashi

November 2, 1999

Date

Miharu Sakuragi

Miharu Sakuragi