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U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

To: The Commissioner of Patent and Trademark, U.S. Department of Commerce, Washington, D.C. 20503  
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**Submission Type**

- ☒ New Execution Date: December 25, 2003  
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**Conveyance Type**

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other

**U.S. Government**

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- ☐ Department File ☐ Secret File

**Conveying Party(ies)**

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Second Party

Name

- ☐ Mark if additional names of conveying parties attached

**Receiving Party**

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**Application Number or Patent Number**

Patent Application Number

10/484527

Patent Number

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month 12 Day 25 Year 2003

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41)

\$ 40.00

**Method of Payment:**

- ☒ Enclosed ☐ Deposit Account

Deposit Account Number

# 4-2219

Authorization to charge additional fees:

- ☒ Yes ☐ No

**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. Charges to deposit account are authorized, as indicated herein.

Keith H. Orum

Name of Person Signing

Signature

Date

Attorney Docket Number: 13737  
F166 (Orum & Roth)

# ASSIGNMENT OF U.S. PATENT APPLICATION

*Inventor(s)* ..... Nobuhiro TANAKA  
*Full Name(s)* .....

hereby sell, assign and transfer to

*Assignee Name* ..... CHUO LOGISTICS ENGINEERING CO., LTD.  
*and Address* ..... 1-22-15, Miyashirodai, Miyashiro-machi, Minamisaitama-gun,.....  
 ..... SAITAMA, JAPAN

(hereinafter called the Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the Application for United States Letters Patent entitled

*Title of* ..... SORTING METHOD AND ITS APPARATUS  
*Invention* .....

which application was

*Complete* ..... a) executed by the undersigned on the ..25th day of December....., 2003.....  
*either* ..... b) filed on the ..... day of .....  
*a) or b)*

Serial No .....

including any and all United States Letters Patents which may be granted therefore and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents 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, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

*Date* ..... Signed at... SAITAMA, JAPAN  
 this 25th day of December, ....., 2003

*Inventor(s)* ..... INVENTOR(S):  
*Full* ..... 田中 信博  
*Signature(s)* ..... (Nobuhiro TANAKA)

WITNESSES:

*Witnesses'* ..... Fumihiko Mizuno  
*Full* ..... (Fumihiko MIZUNO)  
*Signatures* .....