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Atty. Docket: 00862.023020

To the Director, U.S. Patent and Tra



original documents or copy thereof.

1. Name of conveying parties:

- 1) Satoru Oishi
- 2) Hideki Ina
- 3) Takhiko Suzuki
- 4) Koichi Sentoku
- 5) Takahiro Matsumoto

102439841

ss of receiving party(ies):

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

Name: CANON KABUSHIKI KAISHA

Foreign Address: 3-30-2, Shimomaruko, Ohta-ku

Tokyo, Japan

Domestic Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

11046 U.S. PTO  
 10/423893  
 04/28/03

2. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 21, 2003 (2,3), April 22, 2003(1,4,5)

3. 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: April 21, 2003 (2,3), April 22, 2003 (1,4,5)

A. Patent Application Number: Unassigned  
 Filing Date: Concurrently herewith

B. Title of Invention: MANAGEMENT SYSTEM AND  
 APPARATUS, METHOD THEREFOR, AND DEVICE  
 MANUFACTURING METHOD

10423893

Additional numbers attached?

☐ Yes☒ No

4. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper &amp; Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

5/05/2003 ECDOPER 00000049 10423893

FC:8021

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Steven A. Warner-Reg. No. 33,326

Name of Person Signing

Signature

April 28, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 2

SE V,jvf

DC MAIN 01143 v1

**PATENT**  
**REEL: 014017 FRAME: 0215**

**JOINT**  
(BEFORE APPLICATION FILED)

# ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **Satoru Oishi, Hideki Ina, Takehiko Suzuki, Koichi Sentoku and Takahiro Matsumoto**

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**

a corporation of **Japan**

having a place of business at

**3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan**

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

## MANAGEMENT SYSTEM AND APPARATUS, METHOD THEREFOR, AND DEVICE MANUFACTURING METHOD

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: Satoru Oishi  
Satoru Oishi

Date: April 22, 2003

By: Hideki Ina  
Hideki Ina

Date: April 21, 2003

By: Takehiko Suzuki  
Takehiko Suzuki

Date: April 21, 2003

By: Koichi Sentoku  
Koichi Sentoku

Date: April 22, 2003

By: Takahiro Matsumoto  
Takahiro Matsumoto

Date: April 22, 2003