03/29/04 04-05-2004 Form-PTO-1595 ΓΙΟΝ 1-31-92 Atty. Docket:00862.023526 To the Director, U.S. Patent and Trade final documents or copy thereof 1. Name of conveying party(ies): 102711963 of receiving party(ies): NOBUKO YAMAMOTO, MASAYA OGURA, Name: CANON KABUSHIKI KAISHA MASAHIRO KAWAGUCHI, MAMORU TSUKADA, HIROTO YOSHII, TOMOHIRO SUZUKI, MIE ISHII, AND TOSHIFUMI FUKUI Additional name(s) of conveying party(ies) attached? Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku Yes X No Tokyo, Japan 3. Nature of conveyance: X Assignment Merger Security Agreement ☐ Change of Name Domestic Address: Other Execution Date: March 22, 2004, March 23, 2004, March 22, 2004, March 22, 2004, March 22, 2004, March 22, 2004, March City: _____ State ____ ZIP ____ 22, 2004 and March 22, 2004 Application number(s) or patent number(s): 10/3 If this document is being filed together with a new application, the execution date of the application is: March 22, 2004 and March 23, 2004 A. Patent Application Number: N.Y.A. B. Title of Invention: INFECTIOUS ETIOLOGIC AGENT DETECTION PROBE AND PROBE SET, CARRIER, AND Filing Date: Filed Herewith **GENETIC SCREENING METHOD** ☐ Yes Additional numbers attached? X No Name and address of party to whom correspondence 6. Number of applications and patents involved: concerning document should be mailed: One Name: Fitzpatrick, Cella, Harper & Scinto 7. Total fee (37 CFR 3.41): . . \$ 40.00 30 Rockefeller Plaza X Enclosed New York, New York 10112-3800 Authorized to be charged to deposit account 8. Deposit account number (for deficiency or excess) Telephone No.: ___(212) 218-2100 06-1205 Facsimile No.: (212) 218-2200 (Attach duplicate copy of this page if paying by deposit account) \$ DO NOT USE THIS SPACE 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. Jason M. Okun Name of Person Signing Total number of pages including cover sheet, attachments, and documents:3

> PATENT REEL: 015163 FRAME: 0580

JOINT

(BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Nobuko Yamamoto, Masaya Ogura, Masahiro Kawaguchi, Mamoru Tsukada, Hiroto Yoshii, Tomohiro Suzuki, Mie Ishii and Toshifumi Fukui

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

INFECTIOUS ETIOLOGIC AGENT DETECTION PROBE AND PROBE SET, CARRIER, AND GENETIC SCREENING 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: Alabuko Yamamido Nobuko Yamamoto | Date: March 22, 2004 |
|--|------------------------|
| By: Maraya Ogura Masaya Ogura | Date: march. 23, 2004. |
| Masahiro Kawaguchi Masahiro Kawaguchi | Date: March 22, 2004 |
| By: Mamoru Tsukada. Mamoru Tsukada | Date: March 22, 2004 |
| By: Hiroto Yoshii | Date: March 22, 2004 |

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By: <u>Jone hiro</u> Suzuki Tomohiro Suzuki

Date: March 22, 2004

By: Mil Ishii

Date: March 22, 2004

By: Joshifumi Fuhui
Toshifumi Fukui

Date: March 22, 2004