To the Director, U.S. Patent and Tra  To the Director, U.S. Patent and Tra  101522242  To the Director, U.S. Patent and Tra  101522242  Taken of conveying party(ies):  I. Name of conveying party(ies):  II. Name of conveying party(ies):  II. Name of conveying party(ies):  III. Additional name(s) of conveying party(ies) attached?  Yes  No  Tokyo, Japan  Tokyo, Japan	$\underline{\hspace{0.5cm}}$ $\underline{\hspace{0.5cm}}$ $\underline{\hspace{0.5cm}}$ $\underline{\hspace{0.5cm}}$ $\underline{\hspace{0.5cm}}$ $\underline{\hspace{0.5cm}}$ 11	-20-2000 <u>1) [3&gt;</u>
Name of conveying party(ies):   KITCHIRG KANEDA. KEN LCHI KAZUMI, and TOMOTOSHI KANATSU   Additional name(s) of conveying party(ies) attached?   Yes   Tokyo, Japan	1	BINI JING MIREM IRMEN RAIN INDIA KANIN INDIA TAMI
Name   CANON KABUSHIKI KAISHA	To the Director, U.S. Patent and Tra	01522242 riginal documents or copy thereof.
Yes   No   Foreign Address: 30-2, Shimomaruko 3-chome, Ohia-ku   1 6 2000   Tokyo, Japan   Tok	1. Name of conveying party(ies): KITAHIRO KANEDA, KEN-ICHI KAZUMI,	2. Name and address of receiving party(ies):
Sesignment		Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
Additional name(s) & address(es) attached?	X Assignment       ☐ Merger         ☐ Security Agreement       ☐ Change of Name	TRATEMARY OF
City: State ZIP  Additional name(s) & address(es) attached?  No  4. 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: A. Patent Application Number: 09/571,411 Filing Date: May 15, 2000  Additional numbers attached?  No  And METHOD  AND METHOD  6. Number of applications and patents involved:  One  7. Total fee (37 CFR 3.41):  \$ 40.00  Authorized to be charged to deposit account  8. Deposit account number (for deficiency or excess)  Authorized to be charged to deposit account number (for deficiency or excess)  O6-1205  (Attach duplicate copy of this page if paying by deposit account):  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No, 36, 171  Name of Person Signing  Signabare  October 13, 2000  Date		000
4. 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:  A. Patent Application Number: 09/571,411  Filing Date: May 15, 2000  Additional numbers attached?    Yes   X  No	and October 3, 2000, respectively	City: State ZIP
If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application Number: 09/571,411  Filing Date: May 15, 2000  Additional numbers attached?  AND METHOD  AND METHOD  Filing Date: May 15, 2000  Additional numbers attached?  AND METHOD  AND METHOD  Form SEARCH APPARATUS AND METHOD  Form SEARCH APPARATUS  AND METHOD  AND METHOD  AND METHOD  6. Number of applications and patents involved:  One  7. Total fee (37 CFR 3.41): \$ 40.00  Enclosed  New York, New York 10112-3801  Telephone No.: (212) 218-2100  Facsimile No.: (212) 218-2200  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  Signabare  Do Not Use This Space  October 13, 2000  Date		Additional name(s) & address(es) attached? Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Fitzpatrick, Cella, Harper & Scinto  30 Rockefeller Plaza  New York, New York 10112-3801  Telephone No.: (212) 218-2100  Facsimile No.: (212) 218-2200  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  One  7. Total fee (37 CFR 3.41): . \$ 40.00  Authorized to be charged to deposit account  8. Deposit account number (for deficiency or excess)  (Attach duplicate copy of this page if paying by deposit account):  DO NOT USE THIS SPACE	A. Patent Application Number: 09/571,411  Filing Date: May 15, 2000	B. Title of Invention: FORM SEARCH APPARATUS AND METHOD
Concerning document should be mailed:  Name: Fitzpatrick, Cella, Harper & Scinto  30 Rockefeller Plaza  New York, New York 10112-3801  Telephone No.: (212) 218-2100  Facsimile No.: (212) 218-2200  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  One  7. Total fee (37 CFR 3.41): \$ 40.00  Authorized to be charged to deposit account  Separate Deposit account number (for deficiency or excess)  O6-1205  (Attach duplicate copy of this page if paying by deposit account):  DO NOT USE THIS SPACE  October 13, 2000  Date	Additional numbers attac	ined: [ ] Tes [A] No
Name: Fitzpatrick, Cella, Harper & Scinto  30 Rockefeller Plaza  New York, New York 10112-3801  Telephone No.: (212) 218-2100  Facsimile No.: (212) 218-2200  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  Name in Fitzpatrick, Cella, Harper & Scinto  7. Total fee (37 CFR 3.41): \$ 40.00  X Enclosed  Authorized to be charged to deposit account  8. Deposit account number (for deficiency or excess)  (Attach duplicate copy of this page if paying by deposit account):  DO NOT USE THIS SPACE  9. Statement and signature.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  Signature  Doctober 13, 2000  Date		
Statement and signature.   Statement and signature.   Mark J. Itri, Reg. No. 36, 171   Name of Person Signing   New York, New York 10112-3801   X Enclosed   Authorized to be charged to deposit account   Authorized to be charged to deposit account   Authorized to be charged to deposit account	Name: <u>Fitzpatrick, Cella, Harper &amp; Scinto</u>	- Circ
New York, New York 10112-3801  Telephone No.: (212) 218-2100  Facsimile No.: (212) 218-2200  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  Name of Person Signing  Name of Person Signing  Authorized to be charged to deposit account  8. Deposit account number (for deficiency or excess)  (Attach duplicate copy of this page if paying by deposit account):  Observed  National Authorized to be charged to deposit account  8. Deposit account number (for deficiency or excess)  (Attach duplicate copy of this page if paying by deposit account):  October 13, 2000  Date	30 Rockefeller Plaza	7. Total fee (37 CFR 3.41): \$ 40.00
Facsimile No.: (212) 218-2200  Facsimile No.: (212) 218-2200  DO NOT USE THIS SPACE  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.  Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  October 13, 2000  Date	New York, New York 10112-3801	· —
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Mark J. Itri, Reg. No. 36, 171  Name of Person Signing  October 13, 2000  Date	9. Statement and signature.	
Name of Person Signing Signature Date		
	Name of Person Signing	Signature Date

Form #122

JOINT

(AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE. Kitahiro Kaneda, Ken-ichi Kazumi and Tomotoshi Kanatsu,

citizens of Japan,

residing, respectively. at Kanagawa, Japan; Kanagawa, Japan and Tokyo, Japan

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku. Tokyo, Japan

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

FORM SEARCH APPARATUS AND METHOD

and describbed in an application for Letters Patent of the United States of the United States filed by us on May 15, 2000 and which has been accorded Application No. 09/571, 411

and in and to said application, and all divisions, renewals 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 of 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 Assigned or nominees to invoke and claim for any application for patent or other form of protection for said inventions—filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amende, or by any convention which may henceforthe by 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 by 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 or 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 convenant 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 convenant 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 divisional, continuing and reissue applications, to make all reightful 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: Mth. Kaneda	Date: September 27, 2000
By: Kenichi Kazumi  Ken-ichi Kazumi	Date: September 27,2000
By: Jomotoshi Kanatsu Tomotoshi Kanatsu	Date: October 3, 2000
By:	Date:
By:	Date:

PATENT REEL: 011240 FRAME: 0091