City:	Form-PTO-1595 T1	
To the Director, U.S. Patent 1. Name of conveying party(ies): HIROYUKI KODAMA and KAZUHIRO INOKO Additional name(s) of conveying party(ies) and the second address of receiving party(ies): Name: CANON KABUSHIKI KAISHA Foreign Address: 3-30-2, Shimomaruko, Ohta-ku Tokyo, Japan 3. Nature of conveyance: Assignment Security Agreement Change of Name Execution Date: September 6, 2006 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: September 6, 2006 A. Patent Application Number: 11/530,245 Filing Date: September 8, 2006 B. Title of Invention: ILLUMINATION OPTICAL SYSTEM AND PROJECTION-TYPE IMAGE DISPLAY APPARATUS 7. Total fee (37 CFR 3.41): \$ 40.00 Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200 DO NOT USE THIS SPACE	144,00 1170 1170 1170 1170 1170 1170 1170 1	ECORDATION Atty. Docket: 03599.122832
Name of conveying party(tes): HIROYUKI KODAMA and KAZUHIRO INOKO Additional name(s) of conveying party(s): Yes		
Additional name(s) of conveying party(ies) and the state of the party of the state of the party of the state of the party	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Second	HIROYUKI KODAMA and KAZUHIRO INOKO	Name: CANON KABUSHIKI KAISHA
3. Nature of conveyance: Sasignment	Yes X No O' 49	Foreign Address: 3-30-2, Shimomaruko, Ohta-ku
3. Nature of conveyance: Sasignment	SEP 0 8 2006	Tokyo, Japan
Additional name(s) & address(es) attached?	3. Nature of conveyance: X Assignment Security Agreement Change of Name	Domestic Address:
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: 11/530,245 Filing Date: September 8, 2006 B. Title of Invention: II.LUMINATION OPTICAL SYSTEM AND PROJECTION-TYPE IMAGE DISPLAY APPARATUS 7. Patent Application Number: 11/530,245 Filing Date: September 8, 2006 B. Title of Invention: II.LUMINATION OPTICAL SYSTEM AND PROJECTION-TYPE IMAGE DISPLAY APPARATUS 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	Execution Date: September 6, 2006	City: State ZIP
If this document is being filed together with a new application, the execution date of the application is: September 6, 2006 A. Patent Application Number: 11/530,245 Filing Date: September 8, 2006 B. Title of Invention: ILLUMINATION OPTICAL SYSTEM AND PROJECTION-TYPE IMAGE DISPLAY APPARATUS /12/2006 DBYRNE 00000164 11530245 FC:8021		Additional name(s) & address(es) attached? Yes X No
FC:8021 40.00 dentional numbers attached? Solutional number of applications and patents involved: One One 7. Total fee (37 CFR 3.41): \$ 40.00 Solutional number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 Solutional number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 Solutional number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 Solutional number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 Solutional number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 Solutional number of applications and patents involved: One One One One One Total fee (37 CFR 3.41): \$ 40.00 Authorized to be charged to deposit account One One One One One One One O	If this document is being filed together with a new application. A. Patent Application Number: 11/530,245	B. Title of Invention: ILLUMINATION OPTICAL SYSTEM AND PROJECTION-TYPE IMAGE DISPLAY
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 One 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	/12/2006 DBYRNE 00000164 11530245 ~	
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 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	,	? Yes X No
7. Total fee (37 CFR 3.41): \$ 40.00 New York, New York 10112-3801 X Enclosed Authorized to be charged to deposit account Telephone No.: (212) 218-2100 Eaction (212) 218-2200 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature.	FC:8021 40.0AdRitional numbers attached 5. Name and address of party to whom correspondence	6. Number of applications and patents involved:
New York, New York 10112-3801 Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200 DO NOT USE THIS SPACE X Enclosed	 FC:8021 40.0A dentional numbers attached Name and address of party to whom correspondence concerning document should be mailed: 	6. Number of applications and patents involved:
Facsimile No.: (212) 218-2200 DO NOT USE THIS SPACE 9. Statement and signature.	5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved: One
Pacsimile No.: (212) 218-2200 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature.	FC:8021 40.0A dentional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza	6. Number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 X Enclosed
9. Statement and signature.	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	6. Number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$ 40.00 X Enclosed Authorized to be charged to deposit account
	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	6. Number of applications and patents involved: One 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)
To the hest of my knowledge and helief the foregoing information is true and the attached is the original document or is a	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	6. Number of applications and patents involved: One 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) 06-1205 (Attach duplicate copy of this page if paying by deposit account):
true copy of the original document.	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	6. Number of applications and patents involved: One 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) 06-1205 (Attach duplicate copy of this page if paying by deposit account):
Scott D. Malpede/Reg. No. 32,533 Norma of Parson Signing Significant Significant	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 U	6. Number of applications and patents involved: One 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) 06-1205 (Attach duplicate copy of this page if paying by deposit account): SE THIS SPACE
Name of Person Signing Signatult Signatult Total number of pages including cover sheet, attachments, and documents: 3	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 U 9. Statement and signature. To the best of my knowledge and belief, the foregoing informative copy of the original document. Scott D. Malpede/Reg. No. 32,533	6. Number of applications and patents involved: One 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) 06-1205 (Attach duplicate copy of this page if paying by deposit account): SE THIS SPACE mation is true and the attached is the original document or is a September 8, 2006

DC_MAIN 252849v1

PATENT REEL: 018281 FRAME: 0177

10022832US01

JOINT (BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE HIROYUKI KODAMA and KAZUHIRO

INOKO

citizens of Japan

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 all countries, in and to certain inventions relating to

ILLUMINATION OPTICAL SYSTEM AND PROJECTION-TYPE IMAGE DISPLAY APPARATUS

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by us, respectively, 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 all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection 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 such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a 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 and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the 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.

Page 1 of 2

10022832US01

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 divisional, 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 or other grants of protection of said inventions in any and all countries and regions.

By: Kazuhiro Inoko

KAZUHIRO INOKO

By: Kazuhiro Inoko

Date: September 6, 2006

Page 2 of 2

RECORDED: 09/08/2006