12-15-2000 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 101552960 ATTORNEY DOCKET NO.: 15162/02500 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ics): 2. Name and Address of receiving party(ies): Tsukasa YAGI, Ken MATSUBARA, Tatsuya MINOLTA CO., LTD. Name: KANAZAWA, and Tomohiko MASUDA Internal Address: Additional name(s) of conveying party(ies) attached? _ Yes X No Street Address: Osaka Kokusai Building, 3-13, 2-Chome, Azuchi-Machi, Chuo-Ku City: Osaka-Shi Prefecture: Osaka Nature of conveyance: NOV 2 9 2008 Country: JAPAN ZIP: 541-8556 X Assignment Additional name(s) & address(es) attached? Yes X No _ Security Agreement Other Execution Date: October 13, 2000, October 12, 2000, October 16, 2000, and October 13, 2000, respectively 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 No.(s) B. Patent No.(s) 09/665,915 Additional numbers attached? Yes X No 6. Total Number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 SIDLEY & AUSTIN Name: _ Enclosed Internal Address: Attn: James W. Williams X Authorized to be charged to deposit account Street Address: 717 North Harwood 8. Deposit account number: Suite 3400 State: TX ZIP: City: Dallas .7**5**201-65**0**7 (Attach duplicate copy of this page if paying by deposit account) >1/2/5000 DBALME 0000002" DO NOT USE THIS SPACE 40.00 CH H FO:581 9. 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.

James W. Williams

Name of Person Signing

James W Williams
(Signature

November 27, 2000 Date

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Date

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PATENT REEL: 011330 FRAME: 0096

ASSIGNMENT

In consideration of the sum of One Dollar (U.S. \$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Tsukasa YAGI, Ken MATSUBARA, Tatsuya KANAZAWA and Tomohiko MASUDA

hereby sells, assigns and transfers to MINOLTA CO., LTD., a corporation duly organized under the laws of Japan, and having a place of business at Osaka Kokusai Building, 3-13, 2-Chome Azuchi-machi, Chuo-ku, Osaka-shi, Osaka, Japan, (hereinafter called 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

LIGHT SHUTTER DEVICE AND A DRIVING METHOD THEREOF

whic	ch applica	tion was	filed by	the	undersigne	ed on	Septembe	r 20,	2000
and	accorded	serial	no						

including said application and any and all divisions, continuations, and substitutes thereof and any and all United States Letters Patents which may be granted therefor and any and all extensions, reissues, renewals or reexaminations 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.

PATENT REEL: 011330 FRAME: 0097 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.

Signed this 34 day	of October, 2000.
	Tankasa Jayi Tsukasa YAGI
	Tsukasa YAGI 🗸 🖟
Signed this <u>/2 th</u> day	of <u>October</u> , 2000.
	Ken matsupara
	Ken MATSUBARA
Signed this <u>/b th</u> day	of <u>October</u> , 2000.
	Tatsuya Kanazawa
	Tatsuya KANAZAWA
Signed this <u>ism</u> day of _	<u>October</u> , 2000.
	Tomohiho Masuda
	Tomohiko MASUDA

PATENT
RECORDED: 11/29/2000 REEL: 011330 FRAME: 0098