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Okt No: KAW-179-USA-P

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100919989

2. Name and address of receiving party(ies):

Name: Fuji Photo Optical Co., Ltd

St. Address: 1-324, Uetakecho,

State: Saitama Country: Japan

Additional name(s) & address(es) attached? Yes

City: Omiya-shi

1. Name of conveying party(ies):

1. Kazuya YONEYAMA

MRD 11/2/91

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

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: November 19, 1998

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)

891976B+

Patent No.(s)

12/03/1998 AHAYES

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Additional numbers attached? Yes No X

02 FC±581

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

Ronald R. Snider P.O. Box 27613 Washington, D.C. 20038-7613 (202-347-2600)

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40.00

X Enclosed

 \underline{X} Authorized to be charged to deposit account if any error.

8. Deposit account number:

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Ronald R. Snider
Name of Person Signing

Name of Person Signing Registration No. 24,962 Signature

November 23, 1998

Date

Total number of pages comprising cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 9628 FRAME: 0381

NAMES OF ADDITIONAL CONVEYING PARTIES

2. Fumio WATANABE

PATENT REEL: 9628 FRAME: 0382

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

ILLUMINATION OPTICAL SYSTEM AND LIQUID CRYSTAL PROJECTOR APPARATUS USING THE SAME

(Title of Invention)

KAW-179-USA +

for which I/We executed an application for United Patent on	States Letters Patent concurrently herewith or filed a	an application for United States Letters); and
WHEREAS, FUJI PHOTO OPTICAL	L CO., LTD.	
ΤΑΡΆΝ	(Full Name of Assignee)	
a cornoration of	(Country of Incorporation)	
V. 3.020 p. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	kecho, Coustry of Incorporation) kecho, Cmiya-shi, SAITAMA 330-8624 securing the entire right, title, and interest in and to the cres Patent to be issued upon this application;	
L'We, as assignor(s), have sold, assigned, transferre successors and assigns, my/our entire right, title, a thereof, and all Letters Patent of the United States w	r good and valuable consideration the receipt of which ed, and set over, and do hereby sell, assign, transfer, and interest in and to this invention and this application in the granted thereon, and all reissues thereof; the United States to issue all Letters Patent for this interest;	and set over unto the assignee, its lawful on, and all divisions, and continuations and I/We hereby authorize and request
and assigns, any facts known to me/us respecting to so, execute and deliver all papers that may be assigns, execute all divisional, continuation, and relits successors and assigns, to obtain and enforce p	d agree that I/We will, without further consideration, or this invention and testify in any legal proceeding, sign necessary or desirable to perfect the title to this inven- issue applications, make all rightful oaths and generally proper patent protection for this invention in the Unit hall be borne by the assignee, its successors and assign the hereunto set our hand(s).	n all lawful papers when called upon to tion in said assignee, its successors and y do everything possible to aid assignee, ted States, it being understood that any
I. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE HAZINGA Yoneyama-	DATE
Kazuya YONFYAMA ADDRESS C/O FUJI PHOTO OPTICAL CO 1-324, Uetakecho, Omiya-s	<u> </u>	November 19, 1998 cmzenship JAPANESE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY FUMIO WATANABE	ASSIGNOR'S BIONATURE FLUTTIO Watanape	DATE November 19, 1998
c/o FUJI PHOTO OPTICAL CO 1-324, Uetakecho, Omiya-sl	., LTD. hi, SAITAMA 330-8624 JAPAN	CITIZENSHIP JAPANESE
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S BIONATURE	DATE
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4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSONOR'S BIONATURE	DATE
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5. FULL NAME OF FIFTH ASSIONOR, 1F ANY	ASSIGNOR'S MONAYURE	DATE
ADDRESS		CITIZENSHIP
6. FULL NAME OF SDITH ASSIGNOR, IF ANY	ASSIGNOR'S MONATURE	DATE
ADDRESS		CITIZENSHIP

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PATENT REEL: 9628 FRAME: 0383

RECORDED: 11/23/1998