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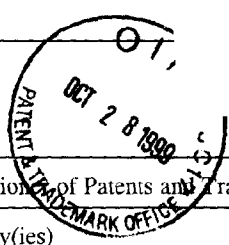


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PATENTS ONLY

FORM PTO-1584

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

SON-1420



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies) 1) Hidetoshi WATANABE 2) Tomotaka ITO</p> <p>Additional name(s) of conveying party(ies) attached <u>No</u></p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: SONY CORPORATION</p> <p>Internal Address:</p> <p>Street Address: 7-35 KITASHINAGAWA 6-CHOME SHINAGAWA-KU</p> <p>City: TOKYO, JAPAN</p> <p>Additional name(s) & address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other _____</p> <p>Execution Date: 1) February 23, 1998 2) February 25, 1998</p>	

4. Application number(s) or patent number(s): **09/177,799**

If the document is being filed together with a new application, the execution date of the application is _____

Additional numbers attached No

<p>5. Name and address of party to whom correspondence concerning 09/177,799</p> <p>Name: Ronald P. Kananen, Esq.</p> <p>Internal Address: RADER, FISHMAN & GRAUER Suite 501</p> <p>Street Address: 1233 20th Street, NW</p> <p>City: Washington, D.C. Zip: 20036</p>	<p>6. Total number of applications and patents involved:..... 1</p> <p>7. Total fee (37 CFR 3.41)..... \$ 40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit account number: 18-0013</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Ronald P. Kananen
Name of Person Signing

Signature

October 28, 1999
Date

Total number of pages comprising cover sheet **1**

Docket Number: SON-1420

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

PLANAR TYPE LENS MANUFACTURING METHOD

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, located and doing business at 7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, JAPAN (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

PATENT

REEL: 010339 FRAME: 0987

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald P. Kananen, Reg. No. 24,104; Ralph T. Rader, Reg. No. 28,772;
Michael D. Fishman, Reg. No. 31,951, Richard D. Grauer, Reg. No. 22,388;
Joseph V. Coppola, Sr., Reg. No. 33,373; Michael B. Stewart, Reg. No.
36,018; Steven L. Nichols, Reg. No. 40,326

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Second Inventor's signature <i>Tomotaka Ito</i>	Date <i>February 25, 1999</i>
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Full name of third joint inventor	
Third Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

(Supply similar information and signature for subsequent joint inventors.)