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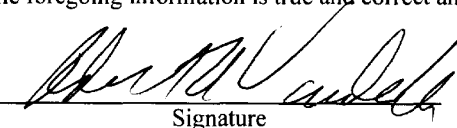
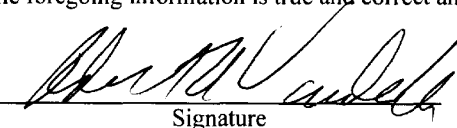
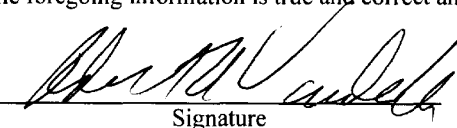


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Our Ref.: -330-184

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

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

<p>1. Name of conveying party(ies): Ken UNO Yoshiatsu YOKOO Masahiro YOSHIDA Teruo YAMASHITA Shinichiro HIROTA</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: July 17, 1998</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: HOYA CORPORATION</p> <p>Internal Address: _____</p> <p>Street Address: 7-5, Naka-Ochiai 2-chome, Shinjuku-ku</p> <p>_____</p> <p>City: Tokyo</p> <p>State/Country: Japan</p> <p>Zip: 161</p> <p>Additional name/s & address/es attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>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: _____</p> <table border="0"> <tr> <td data-bbox="167 957 824 1104"> <p>A. Patent Application No(s). (1) 09/064,851 (2) (3)</p> </td> <td data-bbox="829 957 1490 1104"> <p>B. Patent No(s). (1) (2) (3)</p> </td> </tr> </table> <p style="text-align: center;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s). (1) 09/064,851 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>	
<p>A. Patent Application No(s). (1) 09/064,851 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Robert A. Vanderhye</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor</p> <p>City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>			
<p>DO NOT USE THIS SPACE</p>				
<p>9. Statements 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.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%; text-align: center;"> <p>Robert A. Vanderhye Name of Person Signing Reg. No. 27,076</p> </td> <td style="width: 40%; text-align: center;">  Signature </td> <td style="width: 30%; text-align: center;"> <p>August 4, 1998 Date</p> </td> </tr> </table> <p style="text-align: right;">Total number of pages including original cover sheet, attachments, and document: [3]</p>		<p>Robert A. Vanderhye Name of Person Signing Reg. No. 27,076</p>	 Signature	<p>August 4, 1998 Date</p>
<p>Robert A. Vanderhye Name of Person Signing Reg. No. 27,076</p>	 Signature	<p>August 4, 1998 Date</p>		

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RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref.: 330-184

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

1. Name of conveying party(ies):	
2. Name: HOYA PRECISION INC. Street Address: 3111-1, Shimoichida, Takamori-machi, Shimoina-gun City: Nagano State: Japan Zip: 399-31	
4. Application number(s) or patent number(s):	
A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8)
(9)	(9)

251

ASSIGNMENT OF U.S. APPLICATION

Ken UNO
Masahiro YOSHIDA
(Inventors) **Teruo YAMASHITA**
Shinichiro HIROTA
Yoshiatsu YOKOO

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(Assignee) **HOYA CORPORATION and HOYA PRECISION INC.**, corporations of Japan
(Address) **7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, Japan 161**
(Address) **3111-1, Shimoichida, Takamori-machi, Shimoina-gun, Nagano, Japan 399-31**

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as **OPTICAL FIBER FIXING MEMBER AND METHOD FOR MANUFACTURING THE SAME** for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. appln. Serial No. 09/064,851 on **April 23, 1998**.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYTE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date <u>July 17, 1998</u>	Signature of inventor	<u>Ken Uno</u>
Date <u>July 17, 1998</u>	Signature of inventor	<u>Masahiro Yoshida</u>
Date <u>July 17, 1998</u>	Signature of inventor	<u>Teruo Yamashita</u>
Date <u>July 17, 1998</u>	Signature of inventor	<u>Shinichiro Hirota</u>
Date <u>July 17, 1998</u>	Signature of inventor	<u>Yoshiatsu Yokoo</u>
Witnessed by: <u>Takao Uchikura</u>		Date <u>July 17, 1998</u>
Witnessed by: _____		Date _____