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*T. Crawford*

Our Ref.: 330-214

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): Kunihiro NAKAGAWA Yoshihiro KAGAWA Noriyuki KAWAI Masato HIGASHIYAMA Tosihiko NETSUKO</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, 2000</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: MITSUBISHI PAPER MILLS LTD. Internal Address: _____ Street Address: 4-2, Marunouchi 3-chome, Chiyoda-Ku, _____ _____ City: Tokyo State/Country: Japan Zip: 100-0005</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<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 style="vertical-align: top;"><p>A. Patent Application No(s). (1) 09/559,254 (2) (3)</p></td><td style="vertical-align: top;"><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) 09/559,254 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>
<p>A. Patent Application No(s). (1) 09/559,254 (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: _____ Arthur R. Crawford</p> <p>Internal Address: _____</p> <p>Street Address: Nixon &amp; Vanderhye P.C. 1100 North Glebe Road 8<sup>th</sup> Floor City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications &amp; patents involved: _____ 1</p> <p>7. Total fee (37 CFR 3.41) \$ _____ 40.00 <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 deficiency 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>
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<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"><tr><td style="text-align: center;">Arthur R. Crawford Name of Person Signing Reg. No. 25,327</td><td style="text-align: center;"> Signature</td><td style="text-align: center;">July 26, 2000 Date</td></tr></table> <p style="text-align: right;">Total number of pages including original cover sheet, attachments, and document: [2]</p>			Arthur R. Crawford Name of Person Signing Reg. No. 25,327	 Signature	July 26, 2000 Date
Arthur R. Crawford Name of Person Signing Reg. No. 25,327	 Signature	July 26, 2000 Date			

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04 FC:581 40.00 OP  
05 FC:998 6.00 OP

**ASSIGNMENT OF U.S. PATENT RIGHTS**

(Inventors) Kunihiko Nakagawa  
Noriyuki Kawai  
Masato Higashiyama  
Toshihiko Netsuko  
Yoshihiro Kagawa

(Assignee) 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

(Address) 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 Japan

(Title) (hereinafter design ated 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 **Photomask material and method of processing thereof**

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. application Serial No. 09/559,254, on April 27, 2000.

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 & VANDERHUYE 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>17th July 2000</u>	Signature of inventor	<u>Kunihiko Nakagawa</u>
Date <u>17th July 2000</u>	Signature of inventor	<u>Noriyuki Kawai</u>
Date <u>17th July 2000</u>	Signature of inventor	<u>Toshihiko Netsuko</u>
Date <u>17th July 2000</u>	Signature of inventor	<u>Masato Higashiyama</u>
Date <u>17th July 2000</u>	Signature of inventor	<u>Yoshihiro Kagawa</u>

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_