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| U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  1EET  252  2 Name and address of receiving party(ies):  (2a.) Name: Murata Manufacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan  (2b.) Name Address: Additional name(s) & address(es) attached? □yes 図no |
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| 2. Name and address of receiving party(ies):  (2a.) Name: Murata Manufacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan  (2b.) Name Address:  |
| (2a.) Name: Murata Manufacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan  (2b.) Name Address:  |
| NameAddress:   |
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| tion date of the application is:   |
| B. Patent No.(s)   |
| attached □ yes •□no  |
|  |
| 6. Total number of applications and patents involved: one  7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed  Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038)  Authorized to be charged to deposit account  8. Deposit account number: 50-1353                                  |
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**PATENT REEL: 012354 FRAME: 0264** 

Attorney Docket No.: 36856.530

## ASSIGNMENT (WORLDWIDE)

| invented and o | own a certa             | in invention           | n entitled | d MULT    | after referred to ILAYER LC G FREOUEN | COMPOSIT       | OR), have  E CTERISTICS |
|----------------|-------------------------|------------------------|------------|-----------|---------------------------------------|----------------|-------------------------|
| OF THE SAM     | <u><b>1E</b></u> for wh | nich applica           | tion for   | Letters P | atent of the Un                       | ited States ha | is been                 |
| - <u>X</u> -   |                         | on even date<br>August |            | ,         | as Serial No.                         | 09/942,        | ,499                    |
| WHER           | ŒAS, Mu                 | rata Manui             | facturin   | g Co., L  | td., 26-10, Ten                       | jin 2-chome,   | Nagaokakyo-             |

shi, Kyoto-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: <u>August 30, 200/</u> <u>Rooto Jamaguchi</u>
Naoto YAMAGUCHI

RECORDED: 12/11/2001

PATENT REEL: 012354 FRAME: 0265