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U.S. DEPARTMENT OF COMMERCE

| OMB No. 0651-0027 (exp. 6/30/2005  |  |  |  |
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| Tab settings ⇒ ⇒ ⇒ ▼ ,102975990  | ) <b>v v</b>   |  |  |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.                              |  |  |  |
| Name of conveying party(ies):     SHIMADA, NAOTO   | 2. Name and address of receiving party(ies)  Name: OLYMPUS CORPORATION                                   |  |  |
| Additional name(s) of conveying party(ies) attached? The Yes I No  | 2. Name and address of receiving party(ies)  Name: OLYMPUS CORPORATION  Internal Address:                |  |  |
| 3. Nature of conveyance:   |  |  |  |
| Assignment   | 43-2 HATAGAYA 2-CHOME  |  |  |
| Security Agreement Change of Name  Other   | Street Address: 43-2, HATAGAYA 2-CHOME SHIBUYA-KU  |  |  |
| Execution Date: 03/10/2005   | City: TOKYO State: Zip: 151-0072   |  |  |
|  | Additional name(s) & address(es) attached? 📮 Yes 🔼 No  |  |  |
| Application number(s) or patent number(s):   |  |  |  |
| If this document is being filed together with a new appli  | cation, the execution date of the application is:  |  |  |
| A. Patent Application No.(s)   | B. Patent No.(s)   |  |  |
| Additional numbers attached?   |  |  |  |
| <ol><li>Name and address of party to whom correspondence<br/>concerning document should be mailed:</li></ol>   | 6. Total number of applications and patents involved: 1  |  |  |
| Name: Louis Weinstein  | 7. Total fee (37 CFR 3.41)\$_40.00   |  |  |
| Internal Address: VOLPE AND KOENIG, P.C.   | ☑ Enclosed   |  |  |
| UNITED PLAZA, SUITE 1600   | Authorized to be charged to deposit account  |  |  |
|  | 8. Deposit account number:   |  |  |
| Street Address: 30 SOUTH 17TH STREET   | 22-0493  |  |  |
|  | Volpe and Koenig, P.C.   |  |  |
| City: PHILADELPHIA State: PA Zip: 19103  | (Attach duplicate copy of this page if paying by deposit account)  |  |  |
| DO NOT USE THIS SPACE  |  |  |  |
| 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. |  |  |  |
| LOUIS WEINSTEIN 3/29/05  |  |  |  |
| Name of Person Signing Signature Date  |  |  |  |
| Hea. No. 2047/   | Reg. No. 20,477  Total number of pages including cover sheet, attachments, and documents:   Sheet 1 of 3 |  |  |

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

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**PATENT** 

REEL: 016428 FRAME: 0650

SAS2-PT092

Express Mail Label No.

## ASSIGNMENT

ER644627210US 03P01721 US (03S0974P1)

In consideration of value received, I, having a mailing address at c/o Intellectual Property Department, OLYMPUS CORPORATION, 2.3, Kuboyama cho, Hachioji shi, Tokyo, Japan, and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## PROJECTION DISPLAY APPARATUS

said application having been filed on and assigned Application No. sell and assign to OLYMPUS CORPORATION a corporation of Japan, having a business address at 43.2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

> [X] executed concurrently herewith; [ ] executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103

> **PATENT** REEL: 016428 FRAME: 0651

## ASSIGNMENT

| Inventor: (Signature)          | Date          | Residence           |
|--------------------------------|---------------|---------------------|
| Naoto Shimada<br>Naoto Shimada | Mar, 10, 2005 | Hachioji-shi, Japan |
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RECORDED: 03/29/2005

PATENT R■EL: 016428 FRAME: 0652