### PATENT ASSIGNMENT

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

#### **CONVEYING PARTY DATA**

| Name                                     | Execution Date |
|--|----------------|
| Columbia University New York Morningside | 11/21/2008     |

#### **RECEIVING PARTY DATA**

| Name:             | National Science Foundation |  |
|-------------------|-----------------------------|--|
| Street Address:   | 4201 Wilson Blvd            |  |
| Internal Address: | Room 1265                   |  |
| City:             | Arlington                   |  |
| State/Country:    | VIRGINIA                    |  |
| Postal Code:      | 22230                       |  |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 10883861 |

#### **CORRESPONDENCE DATA**

Fax Number: (703)292-9041

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: nsfpatents@nsf.gov

Correspondent Name: National Science Foundation

Address Line 1: 4201 Wilson Blvd

Address Line 4: Arlington, VIRGINIA 22230

NAME OF SUBMITTER: Robin Clay Fritsch

**Total Attachments: 1** 

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PATENT 500922517 REEL: 023021 FRAME: 0733

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Invention Title Methods and Systems for Compensating an Image Projected onto a Surface Having MUC/3/3Inventor(s): Michael Groseberg, Shree Kumar Nayar, Harish Peri, Peter Belhumeur U.S. Filing/Issue Date: 7/2/2004 Patent or Application Serial No.: 10/883,861 Grant/Contract Number(s): 1150085864 Foreign Applications filed/intended in (countries): The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401,14, FAR 52,227-11 or FAR 52,227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of: 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. Signed this By (Name of Grantee/Contractor Official) For Columbia Univ New York Morningside (Grantee/Contractor Organization) At 412 Low Library MC 4308 535 W 116th St New York, NY 10027

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