



RECC

07-24-2007



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To the Director of the U.S. Patent and Trademark Office

or the new address(es) below.

**1. Name of conveying party(ies)**

University of Chicago

**receiving party(ies)**

Name: Arch Development Corporation

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) February 15, 1999 and February 11, 1999

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

Street Address: 5640 South Ellis Avenue

City: Chicago

State: Illinois

Country: USA Zip: 60637

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/605,319

B. Patent No.(s)

7,227,688

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Jean C. Edwards

Internal Address: Akerman Senterfitt

Atty. Docket No.: 71480.0011

Street Address: 801 Pennsylvania Avenue, NW

Suite 600

City: Washington

State: DC Zip: 20004

Phone Number: 202-824-1719

Fax Number: 202-824-1791

Email Address: jean.edwards@akerman.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed CHARGE FEE  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0951

Authorized User Name Jean C. Edwards

**9. Signature:**

Jean C. Edwards  
Signature

July 5, 2007

Date

Jean C. Edwards

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

ASSIGNMENT

**WHEREAS**, The University of Chicago ("ASSIGNOR") is the current owner of all rights, title and interest in APPARATUS FOR APPLYING OPTICAL GRADIENT FORCES for which application for Letters Patent of the United States has been applied for on February 3, 1998 and having Serial No. 09/017,923; and

**WHEREAS**, ARCH Development Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Illinois, and having its principal place of business at 5640 South Ellis Avenue, Chicago, Illinois 60637 and a mailing address of same is desirous of acquiring the full right, title and interest therein;

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorize and request the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

**AND ASSIGNOR HEREBY AGREES** to transfer the full right, title and interest to ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

**ASSIGNOR, FURTHER AGREES**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**ASSIGNOR:**

**EXECUTED** this 15th day of February, 1999.

Arthur M. Sussman

Signature Vice President for Administration

Typed Name: and for Argonne National

Laboratory

Title: lm S

of The University of Chicago

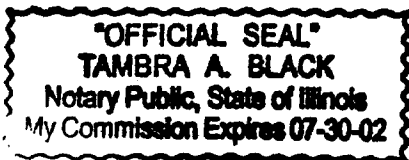
State of Illinois )

) SS.

County of Cook )

On this 15<sup>th</sup> day of February, 1999, before me, a notary public in and for said county, appeared Arthur M. Sussman, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

(Seal)



Tambra A. Black  
Notary Public

My Commission Expires: 7/30/02

ASSIGNEE:

EXECUTED this 11<sup>th</sup> day of February, 1999.

Signature

Typed Name: ACP Thomas

Title: Assistant Secretary

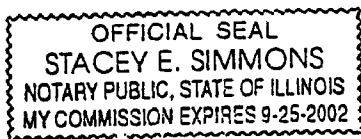
of ARCH Development Corporation

State of Illinois )

County of COOK ) SS.

On this 12 day of February, 1999, before me, a notary public in and for said county, appeared Alan P. Thomas, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

(Seal)



Stacey E. Simmons  
Notary Public

My Commission Expires: 9/25/2002