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Form PTO-1595
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PATENT RECORD



U.S. DEPARTMENT OF COMMERCE

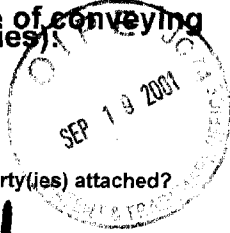
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To the Honorable Commissioner of Patents, _____, for the original documents or copy thereof.

1. Name of conveying party(ies):
 Sandra Gail Biedron
 Henry Philip Freund
 Stephen Val Milton

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

9-19-01



2. Name and address of receiving party(ies):
 Name: **The University of Chicago**

Internal Address:

Street Address: **5801 South Ellis Avenue**

City: **Chicago** State: **Illinois** ZIP: **60637**

Additional name(s) & address(es) attached: Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: **August 17 & 29, 2001**

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:

a. Patent Application No.(s) **09/916,458 filed 07/27/01 (ANL-IN-01-051)**

b. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Joan Pennington**

Internal Address: **Unit 1804**

Street Address: **535 North Michigan Avenue**

City: **Chicago** State: **IL** ZIP: **60611**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:
50-1048 of Joan Pennington

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement of 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.

Joan Pennington *Joan Pennington* **September 14, 2001**

Name of Person Signing Signature Date Total number of pages: 3

ASSIGNMENT

We, Sandra Gail Biedron of Palos Park and Stephen Val Milton of Naperville, both in the State of Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the MODULAR APPROACH TO THE NEXT GENERATION, SHORT WAVELENGTH, LASER-LIKE LIGHT SOURCES, ANL Case No. ANL-IN-01-051, filed in the U.S. Patent and Trademark Office on July 27, 2001, and assigned serial No. 09/916,458, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

Dated: 17 August 01

Sandra Gail Biedron
Sandra Gail Biedron

Dated: 17 Aug 01

Stephen Val Milton
Stephen Val Milton

STATE OF ILLINOIS)
) ss
COUNTY OF DU PAGE)

On this 17th day of AUGUST, 2001, before me a Notary Public in and for the County and State aforesaid, appeared the above named persons, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed same instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

Miriam R. Legan
Notary Public



ASSIGNMENT

I, Henry Philip Freund of Vienna, in the State of Virginia, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto SCIENCE APPLICATIONS INTERNATIONAL, a corporation organized under the laws of the State of Delaware, having a place of business at 1710 SAIC Drive, McLean, Virginia, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the MODULAR APPROACH TO THE NEXT GENERATION, SHORT WAVELENGTH, LASER-LIKE LIGHT SOURCES, ANL Case No. ANL-IN-01-051, filed in the U.S. Patent and Trademark Office on July 27, 2001, and assigned serial No. 09/916,458, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said SCIENCE APPLICATIONS INTERNATIONAL, its successors and assigns.

And for the above-named considerations, I hereby agree that I will without additional compensation but without cost to myself, promptly communicate to said SCIENCE APPLICATIONS INTERNATIONAL, its successors and assigns, any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

Dated: 29 August 2001

Henry P. Freund
Henry P. Freund

STATE OF VIRGINIA)
) ss
COUNTY OF FAIRFAX)

On this 29th day of AUGUST, 2001, before me a Notary Public in and for the County and State aforesaid, appeared the above named person, who is personally known to me to be the same person whose names are subscribed to the foregoing instrument, and acknowledged that he executed same instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

Janelle Parker
Notary Public

My commission expires April 30, 2005