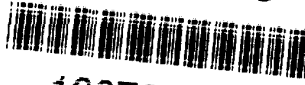


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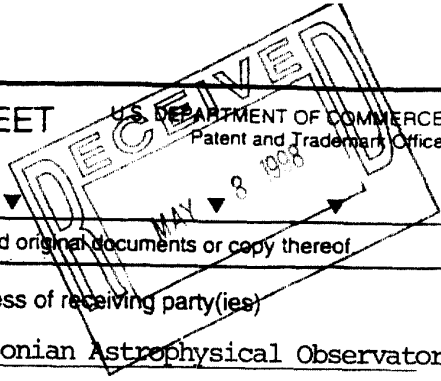
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



OMB No. 0651-0011 (exp. 4/94)

Tab settings

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Eric H. Silver, Herbert W. Schnopper
and Russell Ingram

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

2. Name and address of receiving party(ies)

Name: Smithsonian Astrophysical Observatory

Internal Address: _____

Street Address: 60 Garden Street

City: Cambridge State: MA ZIP: 02138

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: April 22, 1998

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)

09/064,476

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Sam Pasternack

Internal Address: Choate, Hall & Stewart

Street Address: 53 State Street

City: Boston State: MA ZIP: 02109

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:

03-1721

(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.

SAM PASTERNAK

Name of Person Signing

Sam Pasternack

Signature

5/5/98

Date

Total number of pages including cover sheet, attachments, and document: 1

0000022 0906076 40.00 DP 04/21/98 T1011 01 FC:58

A S S I G N M E N T

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Eric H. Silver, Herbert W. Schnopper and Russell Ingram hereby

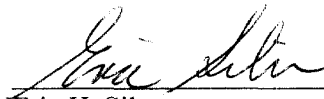
Sells, assigns and transfers to Smithsonian Astrophysical Observatory, having a place of business at 60 Garden Street, Cambridge, Massachusetts 02138, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed April 22, 1998, Serial No. 09/064,476 (authorization is given for counsel to fill in date and serial number), entitled "X-Ray Diagnostic System" and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

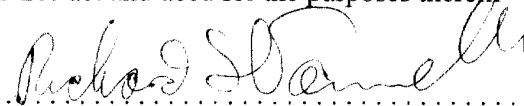
Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,
Massachusetts this 22nd day of April, 1998.


Eric H. Silver

STATE OF Mass.
COUNTY OF Middlesex SS.

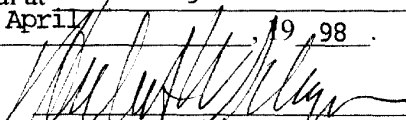
Before me this 22 day of April, 1998, personally appeared Eric H. Silver known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,
Massachusetts this 22nd day of April, 1998.

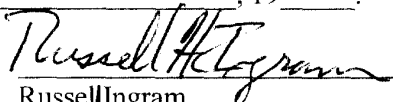

Herbert W. Schnopper

STATE OF Mass.
COUNTY OF Middlesex SS.

Before me this 22 day of April, 1998, personally appeared Herbert W. Schnopper known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


.....
NOTARY PUBLIC

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,
Massachusetts this 22nd day of April, 1998.


Russell Ingram

STATE OF Massachusetts.

COUNTY OF Middlesex SS.

Before me this 22nd day of April, 1998, personally appeared Russel Ingram known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

John G. Harris
.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:
9/22/00

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