

11-28-2000



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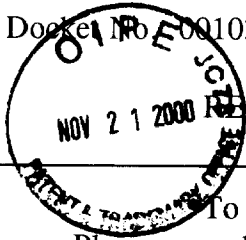
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Attorney Docket No. 001035

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To the Director of Patents and Trademarks
Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Masato KOIKE, Kazuo SANO, Yoshihisa HARADA

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

2. Name and address of receiving parties:

(1) Name: Japan Atomic Energy Research Institute

Street Address: 2-2, Uchisaiwai-cho, 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN

(2) Name: Shimadzu Corporation

Street Address: 1, Kuwabara-cho, Nishinokyo, Nakagyo-ku, Kyoto 604-8511, JAPAN

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

3. Nature of conveyance: Assignment

Execution Date: August 30, 2000

4. Title: PLANE DIFFRACTION GRATING BASED ON SURFACE NORMAL
ROTATION AND ITS APPLICATION TO AN OPTICAL SYSTEM

5. 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)

B. Patent No.(s)

Additional numbers attached? Yes ___ No XX

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40.00 DP

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

Name: ARMSTRONG, WESTERMAN, HATTORI,
MCLELAND & NAUGHTON
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

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

Enclosed


Authorized to be charged to Deposit Account

9. Deposit Account No.: **01-2340**
(Two copies of this paper are attached.)

10. 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.

Ronald F. Naughton
Name of Person Signing


Signature

November 21, 2000
Date

24,616
Registration No.

Total number of pages including cover sheet, attachments and document: 4

Rev. 2/97

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned invention(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's name(s) Address(es))

1) Japan Atomic Energy Research Institute of 2-2, Uchisaiwai-cho, 2-chome, Chiyoda-ku, Tokyo 100-0011, JAPAN

2) Shimadzu Corporation of 1, Kuwabara-cho, Nishinokyo, Nakagyo-ku, Kyoto 604-8511, JAPAN

(Hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

PLANE DIFFRACTION GRATING BASED ON SURFACE NORMAL ROTATION AND ITS APPLICATION TO AN OPTICAL SYSTEM

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on _____, Serial No. _____.

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

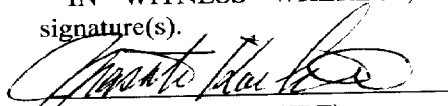
and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

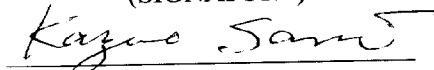
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)


(SIGNATURE)

Masato KOIKE
(TYPE NAME)

Aug 30 2000
(DATE)


(SIGNATURE)

Kazuo SANO
(TYPE NAME)

Aug 30 2000
(DATE)


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Yoshihisa HARADA
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Aug. 30 2000
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NO LEGALIZATION REQUIRED

PATENT