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Attorney Docket No. 030281

07-21-2003

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Conveying Party (ies): (Last, First, Middle Initial) Execution Date

First party Name: **AMANO, Osamu** **June 12, 2003**

Second party Name: **WATANABE, Akihito** **June 12, 2003**

Third party Name: _____

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

Receiving Party (ies):

First party Name: **SAKASE ADTECH CO.**

Address: **14-10 Shimoyasuda, Maruoka-cho, Sakai-gun, Fukui
910-0363, Japan**

Second party Name: **NEC TOSHIBA SPACE SYSTEMS, LTD.**

Address: **6-3, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi,
Kanagawa 222-0033 Japan**

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

Domestic Representative Name and Address

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23850

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Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒
A. Patent Application No.(s) B. Patent No.(s)

10/388,595

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____
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Patent Cooperation Treaty (PCT)

Enter PCT application number only if

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PCT _____
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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). **\$40.00**

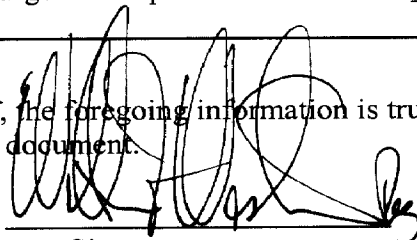
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Statement and signature

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.

Sadao Kinashi
Name of Person Signing


Signature

July 16, 2003
Date

48,075
Registration No.

U.S. ASSIGNMENT

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

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

(1) SAKASE ADTECH Co.

14-10 Shimoyasuda, Maruoka-cho, Sakai-gun, Fukui 910-0363, Japan

(2) NEC TOSHIBA Space Systems, Ltd.

6-3, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033, 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)

**3-DIMENSIONAL WAVE-GUIDING STRUCTURE FOR HORN OR TUBE-TYPE
WAVEGUIDES**

(*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, LLP 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 therefore 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)

<u>Osamu Amano</u> (Signature)	 Osamu AMANO (Type Name)	<u>12/June/2003</u> (Date)
<u>Akihito Watanabe</u> (Signature)	 Akihito WATANABE (Type Name)	<u>12/June/2003</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

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