

12-29-2000

Form-PTO-1595
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TRANSMITTAL OF DOCUMENT
PATENT



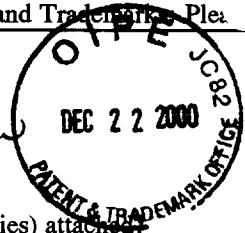
Patent Docket: 2355.12101

101567247

or copy thereof.

To the Commissioner of Patents and Trademarks, Please

1. Name of conveying party(ies):
 (1) Yukio SAKAGAWA *YKS*
 (2) Akihiro KATAYAMA *AKK*
 (3) Daisuke KOTAKE *DK*
 Additional name(s) of conveying party(ies) attached:
 Yes No



2. Name and address of receiving party(ies):
 Name: MIXED REALITY SYSTEMS LABORATORY INC.
 Foreign Address: 145, Hanasakicho 6-chome, Nishi-ku,
Yokohama-shi, Kanagawa-ken, Japan

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: (1,2) Nov. 21, & (3) Nov. 14, 2000

Domestic Address: _____
 City: _____ State _____ ZIP _____
 Additional name(s) & address(es) attached? Yes No

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 Number: 09/642,091
 Filing Date: August 21, 2000
 B. Title of Invention:
SPACE RENDERING METHOD, VIRTUAL SPACE RENDERING APPARATUS, CACHE DEVICE, AND STORAGE MEDIUM
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Fitzpatrick, Cella, Harper & Scinto
30 Rockefeller Plaza
New York, New York 10112-3801
 Telephone No.: (212) 218-2100
 Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:
One
 7. Total fee (37 CFR 3.41): . . . \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
 8. Deposit account number (for deficiency or excess):
06-1205
 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.
Brian L. Klock - Reg. No. 36,570 *[Signature]* December 22, 2000
 Name of Person Signing Signature Date
 01/02/2001 NGUYEN 00000146 09642091
 Total number of pages including cover sheet, attachments, and documents: 3

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JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We,
Yukio SAKAGAWA, citizen of Brazil,
Akihiro KATAYAMA, citizen of Japan; and
Daisuke KOTAKE, citizen of Japan

residing respectively at

3-9-309, Minamikasai 2-chome, Edogawa-ku, Tokyo, Japan
7-7-802, Hinodecho 2-chome, Yokosuka-shi, Kanagawa-ken, Japan; and
c/o Canon Esperance Hakuraku Ryo, 8-1, Rokkakubashi 5-chome,
Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto Mixed Reality Systems Laboratory Inc.
a corporation of Japan

having a place of business at

145, Hanasakicho 6-chome, Nishi-ku, Yokohama-shi,
Kanagawa-ken, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title
and interest, for the United States, in and to certain inventions relating to

SPACE RENDERING METHOD, VIRTUAL SPACE RENDERING APPARATUS,
CACHE DEVICE, AND STORAGE MEDIUM

and described in an application for Letters Patent of the United States filed by us on August 21, 2000

and which has been accorded Application No. 09/642,091


and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent
of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby
authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters
Patent upon said inventions to the Assignee or to such nominees as it may designate.

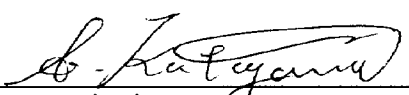
AND we authorize and empower the said Assignee or nominees to invoke and claim for any application
for patent or other form of protection for said inventions, the benefit of the right of priority provided by the
International Convention for the Protection of Industrial Property, as amended, or by any convention which may
henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral
authorization from us.

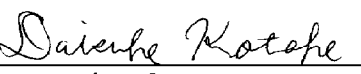
AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal
equivalent of any assignment, consent to file or like document which may be required in the United States for any
purpose and more particularly in proof of the right of Assignee or nominees to claim the aforesaid benefit of the
right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or
by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By:  Date: November 21, 2000
Yukio SAKAGAWA

By:  Date: November 21, 2000
Akihiro KATAYAMA

By:  Date: Nov. 14, 2000
Daisuke KOTAKE