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TRANSMIT

TION

Atty. Docket: 02355.010101

To the Director, U.S. Patent and Trademark Office



102167826

Original documents or copy thereof.

1. Name of conveying party(ies):

MIXED REALITY SYSTEMS LABORATORY INC.

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

07/19/02

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: June 28, 2002

2. Name and address of receiving party(ies):

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku

Tokyo, Japan

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 Number: 6,335,754

Issue Date: January 1, 2002

B. Title of Invention:

SYNCHRONIZATION BETWEEN IMAGE DATA AND
LOCATION INFORMATION FOR PANORAMIC IMAGE
SYNTHESIS

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:

Thirty-seven (37)

7. Total fee (37 CFR 3.41): . . . \$ 1480.00

☒ 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):

07/24/2002 TBIAZ1 00000106 6335754

01 FC:581

1480.00 DP

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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

Name of Person Signing

Signature

July 19, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 7

103237

PATENT
REEL: 013101 FRAME: 0614

U.S. Applications		
<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
09/045,993	March 23, 1998	APPARATUS FOR PRESENTING MIXED REALITY SHARED AMONG OPERATIONS
09/098,544	June 17, 1998	SYNCHRONIZED BETWEEN IMAGE DATA AND LOCATION INFORMATION FOR PANORAMIC IMAGE SYNTHESIS
09/266,858	March 12, 1999	IMAGE PROCESSING APPARATUS FOR DISPLAYING THREE-DIMENSIONAL IMAGE
09/266,859	March 12, 1999	MEASUREMENT OF DEPTH IMAGE CONSIDERING TIME DELAY
09/376,329	August 18, 1999	IMAGE PROCESSING APPARATUS FOR INTERPOLATING AND GENERATING FROM AN ARBITRARY VIEW POINT
09/395,365	September 14, 1999	VIEWPOINT POSITION DETECTION APPARATUS AND METHOD, AND STEREOSCOPIC IMAGE DISPLAY SYSTEM
09/500,455	February 9, 2000	IMAGE PROCESSING METHOD AND APPARATUS AND STORAGE MEDIUM
09/503,201	February 14, 2000	INTERFACE METHOD, INFORMATION PROCESSING APPARATUS, AND PROGRAM STORAGE MEDIUM
09/499,300	February 7, 2000	IMAGE PROCESSING METHOD, IMAGE PROCESSING APPARATUS AND STORAGE MEDIUM
09/510,334	February 22, 2000	USER INTERFACE APPARATUS, USER INTERFACE METHOD, GAME APPARATUS, AND PROGRAM STORAGE MEDIUM
09/506,084	February 17, 2000	GAME APPARATUS FOR MIXED REALITY SPACE, IMAGE PROCESSING METHOD THEREOF, AND PROGRAM STORAGE MEDIUM

<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
09/506,382	February 18, 2000	MARKER LAYOUT METHOD, MIXED REALITY APPARATUS, AND MIXED REALITY SPACE IMAGE GENERATION METHOD
09/510,232	February 22, 2000	MIXED REALITY APPARATUS AND MIXED REALITY PRESENTATION METHOD
09/512,828	February 25, 2000	STEREOSCOPIC IMAGE PROCESSING APPARATUS AND METHOD, STEREOSCOPIC VISION PARAMETER SETTING APPARATUS AND METHOD, AND COMPUTER PR
09/512,836	February 25, 2000	IMAGE PROCESSING METHOD AND APPARATUS
09/642,091	August 21, 2000	SPACE RENDERING METHOD, VIRTUAL SPACE RENDERING APPARATUS, CACHE DEVICE, AND STORAGE MEDIUM
09/648,295	August 28, 2000	DEPTH INFORMATION MEASUREMENT APPARATUS AND MIXED REALITY PRESENTATION SYSTEM
09/648,463	August 28, 2000	USER INTERFACE METHOD, USER INTERFACE APPARATUS, SPACE RENDERING APPARATUS, WORKSTATION APPARATUS, AND PROGRAM STORAGE MEDIUM
09/653,002	August 31, 2000	IMAGE DATA ENCODING/DECODING METHOD AND APPARATUS
09/653,271	August 31, 2000	IMAGE STORAGE METHOD, IMAGE RENDERING METHOD, IMAGE STORING APPARATUS, IMAGE PROCESSING APPARATUS, IMAGE DOWNLOAD METHOD, AND COMP
09/658,463	September 8, 2000	AUGMENTED REALITY PRESENTATION APPARATUS AND METHOD, AND STORAGE MEDIUM
09/799,518	March 7, 2001	IMAGE RECORDING APPARATUS, IMAGE REPRODUCING APPARATUS AND METHODS THEREFOR
09/812,675	March 21, 2001	COMPOUND REALITY PRESENTATION APPARATUS, METHOD THEREFOR, AND STORAGE MEDIUM

<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
09/812,676	March 21, 2001	IMAGE PROCESSING APPARATUS, METHOD OF PROCESSING IMAGES, AND STORAGE MEDIUM
09/812,677	March 21, 2001	VIEWPOINT DETECTING APPARATUS, VIEWPOINT DETECTING METHOD, AND THREE-DIMENSIONAL IMAGE DISPLAY SYSTEM
09/816,072	March 26, 2001	MIXED REALITY PRESENTATION APPARATUS AND CONTROL METHOD THEREOF
09/817,036	March 27, 2001	MOUNTING MECHANISM SUITABLE FOR HEAD MOUNT DISPLAY DEVICE AND HEAD MOUNT DISPLAY DEVICE USING THE SAME
09/817,037	March 27, 2001	SPECIFIC POINT DETECTING METHOD AND DEVICE
09/817,124	March 27, 2001	THREE-DIMENSIONAL IMAGE REPRODUCTION DATA GENERATOR, METHOD THEREOF, AND STORAGE MEDIUM
09/818,600	March 28, 2001	INFORMATION PROCESSING APPARATUS, MIXED REALITY PRESENTATION APPARATUS, METHOD THEREOF, AND STORAGE MEDIUM
09/818,601	March 28, 2001	COMPOSITE DISPLAY APPARATUS AND HEAD MOUNTED DISPLAY SYSTEM USING THE SAME
09/818,602	March 28, 2001	POSITION AND ORIENTATION DETERMINING METHOD AND APPARATUS AND STORAGE MEDIUM
09/818,605	March 28, 2001	IMAGE PROCESSING APPARATUS AND METHOD
09/818,606	March 28, 2001	IMAGING APPARATUS CONTROLLER AND CONTROL METHOD THEREOF, IMAGE PROCESSING APPARATUS AND METHOD THEREOF, AND PROGRAM CODE AND STORAGE MEDIUM
09/818,627	March 28, 2001	IMAGE REPRODUCTION APPARATUS, IMAGE PROCESSING APPARATUS, AND METHOD THEREFOR
09/819,668	March 29, 2001	APPARATUS, METHOD, PROGRAM CODE, AND STORAGE MEDIUM FOR IMAGE PROCESSING

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ASSIGNMENT

FOR VALUE RECEIVED,

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 (hereinafter called the "Assignor"), which is the owner of the entire right, title and interest, for the United States of America, in and to certain inventions described in the Letters Patent of the United States identified in the attached Schedule A and in the applications for Letters Patent of the United States identified in the attached Schedule B

hereby sells, assigns, transfers and conveys unto

CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, including the right to sue for and collect damages for past infringement, in and to certain inventions described in the Letters Patent of the United States identified in the attached Schedule A and in the applications for Letters Patent of the United States identified in the attached Schedule B, and currently assigned to Assignor, and in and to said patent identified in the attached Schedule A, and all divisions, renewals and continuations thereof, and all reissues and extensions of said patent and any patent granted on any division, renewal or continuation of said patent, and in and to said patent applications identified in the attached Schedule B, 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 Assignor hereby authorizes and requests the Assistant Commissioner of Patents of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND Assignor authorizes and empowers the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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 Assignor.

AND Assignor hereby consents 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 said 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 Assignor hereby covenants that Assignor has the full right to convey the entire right, title and interest herein assigned and that Assignor has not executed and will not execute any agreement in conflict herewith.

AND Assignor hereby covenants and agrees that Assignor will communicate to said Assignee or nominees all facts known to Assignor 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.

IN TESTIMONY WHEREOF, I set my hand and seal this 28th day of June, 2002

Witness:

Hiroshi Nagawaka

Assignor: Mixed Reality Systems Laboratory Inc.

By: Ichiro Endo L.S.
Ichiro Endo

Title: Representative Liquidator

SCHEDULE A

U.S. PATENT NO.	ISSUE DATE
6335754	2002.1.1

SCHEDULE B

APPLICATION_NO	FILING_DATE
09/045993	1998.3.23
09/098544	1998.6.17
09/266859	1999.3.12
09/266858	1999.3.12
09/376329	1999.8.18
09/500455	2000.2.9
09/503201	2000.2.14
09/499300	2000.2.7
09/510334	2000.2.22
09/506084	2000.2.17
09/506382	2000.2.18
09/510232	2000.2.22
09/512836	2000.2.25
09/512828	2000.2.25
09/395365	1999.9.14
09/642091	2000.8.21
09/653271	2000.8.31
09/653002	2000.8.31
09/648463	2000.8.28
09/648295	2000.8.28
09/658463	2000.9.8
09/812675	2001.3.21
09/818602	2001.3.28
09/799518	2001.3.7
09/818600	2001.3.28
09/816072	2001.3.26
09/812677	2001.3.21
09/817037	2001.3.27
09/812676	2001.3.21
09/818606	2001.3.28
09/818627	2001.3.28
09/818605	2001.3.28
09/819668	2001.3.29
09/817124	2001.3.27
09/818601	2001.3.28
09/817036	2001.3.27