

06-04-1998

FORM PTO-1595



I

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICETo the Honorable Commissioner of
Please record the attached original documents or copy thereof.

100727639

1. Name of conveying party(ies):

Jian Zhao
Eckhard Koch
Makoto SaitoAdditional name(s) of conveying party(ies) attached?
YES X NO

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

Name:
Fraunhofer Gesellschaft

Internal Address:

Street Address:
Leonrodstrasse 54
D-80636
Munich, Germany

City:

State:

Zip: 02903

Additional name(s) & address(es) attached?
X YES NO

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Dates: January 28, 1998, February 4, 1998,
February 12, 1998

4. Application number(s) or patent number(s): 09/021,339

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):
(include series code or filing date)

B. Patent No.(s):

Additional application or patent numbers attached? YES X NO

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

Name: Banner & Witcoff, Ltd.
Address: One Financial Center
City: Boston
State: MA Zip: 02111

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00
Enclosed X Authorized to charge Deposit Account 19-0733

8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 19-0733, as necessary.

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.

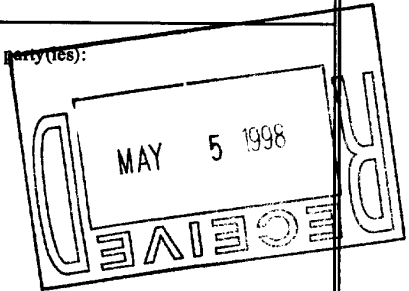
Gordon E. Nelson, Reg. No. 30,093
Name of Person Signing

Signature
April 30, 1998
Date

Atty. Docket No.: 03993.72861

Total number of pages including cover sheet, attachments and document: 13

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PATENT
REEL: 9204 FRAME: 094709021339
00000303 190733
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06/01/1998
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Form PTO-1595

Page 2

Additional name of receiving party:

Mitsubishi Corporation
6-3, Marunouchi, 2-Chome
Chiyoda-Ku
Tokyo, 100-86
JAPAN

09/021,339

Atty. Docket No.: 03993.72861

PATENT
REEL: 9204 FRAME: 0948

ASSIGNMENT

Case No.: 03993.72861

Serial No.: _____

Inventors: Jian Zhao, Eckhard Koch, Makoto Saito

Date of Execution

of Application: _____

Filing Date: _____

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**FRAUNHOFER GESELLSCHAFT, a corporation of Germany, and
MITSUBISHI CORPORATION, a corporation of Japan**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

SECURE DISTRIBUTION OF DIGITAL REPRESENTATIONS

and identified as:

Case No. 03993.72861

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignees the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignees.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignees, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignees, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignees to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignees, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which

said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this _____ day of _____, 1998.

Jian Zhao

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _____.

NOTARY PUBLIC

My Commission Expires: _____

WITNESS my hand and seal this 4th day of February, 1998.

Eckhard Koch
Eckhard Koch

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _____.

NOTARY PUBLIC

My Commission Expires: _____

WITNESS my hand and seal this _____ day of _____, 1998.

Makoto Saito

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _

_____.

NOTARY PUBLIC

My Commission Expires: _____

Unterschriftsbeglaubigung:

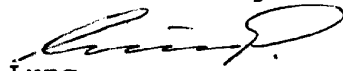
Vorstehende, vor mir vollzogene Unterschrift von

Herrn Dr. Eckhard Erhard Koch,
Dipl.-Physiker,
Darmstädter Str. 8, 64625 Bensheim,
geboren am 14. August 1961,

-ausgewiesen durch Vorlage des Personalausweises-

beglaubige ich hiermit.

Stuttgart-Vaihingen, den 4.2.1998
Notariat Stuttgart-Vaihingen


Lung
Notar



Gebühren	SS	KostO	Gesch.Wert DM	Betrag DM
U'beglaubigung	45		100,00 (Regelwert)	20,00
Summe				20,00
15,00 % MWst. aus DM			20,00	3,00
Gesamtbetrag				23,00

AV-I-98 Nr. 171

ASSIGNMENT

Case No.: 03993.72861

Serial No.: _____

Inventors: Jian Zhao, Eckhard Koch, Makoto Saito

Date of Execution

of Application: _____

Filing Date: _____

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**FRAUNHOFER GESELLSCHAFT, a corporation of Germany, and
MITSUBISHI CORPORATION, a corporation of Japan**

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and identified as:

Case No. 03993.72861

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignees the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignees.

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For said considerations the undersigned hereby agree, upon the request and at the expense of said assignees, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignees, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignees to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignees, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which

said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 28 day of January, 1998.

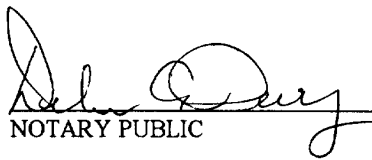


Jian Zhao

State of Rhode Island

County of Providence

The foregoing instrument was acknowledged before me this 28th day of
January, 1998, by Jian Zhao



NOTARY PUBLIC

My Commission Expires: 8-16-98

WITNESS my hand and seal this _____ day of _____, 1998.

Eckhard Koch

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by ____
_____.

NOTARY PUBLIC

My Commission Expires: _____

WITNESS my hand and seal this _____ day of _____, 1998.

Makoto Saito

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _

_____.

NOTARY PUBLIC

My Commission Expires: _____

ASSIGNMENT

Case No.: 03993.72861

Serial No.: _____

Inventors: Jian Zhao, Eckhard Koch, Makoto Saito

Date of Execution

of Application: _____

Filing Date: _____

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**FRAUNHOFER GESELLSCHAFT, a corporation of Germany, and
MITSUBISHI CORPORATION, a corporation of Japan**

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SECURE DISTRIBUTION OF DIGITAL REPRESENTATIONS

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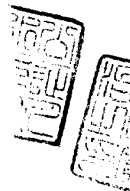
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PATENT
REEL: 9204 FRAME: 0956



said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this _____ day of _____, 1998.

Jian Zhao

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _____.

NOTARY PUBLIC

My Commission Expires: _____

WITNESS my hand and seal this _____ day of _____, 1998.

Eckhard Koch

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _____.

NOTARY PUBLIC

My Commission Expires: _____

NOTARIAL CERTIFICATE

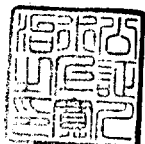
This is to certify that Makoto Saito* * * * *

* *

* *

affixed his ~~(signature)~~ signature (X) in my very presence to the
attached assignment.

Dated this 12th day of February , 1998.



Kanji Mizukami
Kanji Mizukami
NOTARY

1-2, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO, JAPAN

ATTACHED TO
TOKYO LEGAL AFFAIRS BUREAU

WITNESS my hand and seal this 12 day of Feb., 1998.

M Saito
Makoto Saito

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 1998, by _____

NOTARY PUBLIC

My Commission Expires: _____