# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Hiroyasu Yoshikawa	04/18/2008
Koichi Tezuka	05/20/2008
Kazushi Uno	04/24/2008
Yasumasa Iwamura	04/18/2008
Yuzuru Yamakage	04/18/2008

#### **RECEIVING PARTY DATA**

Name:	FUJITSU LIMITED
Street Address:	1-1, Kamikodanaka, 4-chome,
Internal Address:	Nakahara-ku, Kawasaki-shi,
City:	Kanagawa, 211-8588
State/Country:	JAPAN

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12110107

## **CORRESPONDENCE DATA**

Fax Number: (312)360-9315

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-360-0080 Email: mlenart@gbclaw.net Correspondent Name: GREER, BURNS & CRAIN Address Line 1: 300 S WACKER DR

Address Line 2: 25TH FLOOR

CHICAGO, ILLINOIS 60606 Address Line 4:

ATTORNEY DOCKET NUMBER: 1109.80652 NAME OF SUBMITTER: B. Joe Kim

> **PATENT REEL: 021078 FRAME: 0435**

500563350

Total Attachments: 1

source=80652Assignment#page1.tif

PATENT REEL: 021078 FRAME: 0436

# **U.S. ASSIGNMENT**

1-1. Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan				
(hereinafter, "ASSIGNEE"), the receipt of which is he ASSIGNEE the entire and exclusive right, title and in (Title of Invention)	ereby acknowledged, the undersigned ASSIGN terest to the invention entitled	NOR hereby sells, assigns and transfers to		
HOLOGRAM RECORDER				
relating to International Patent Application PCT/JP_ executed on even date herewith or, if not so executed		for Letters Patent of the United States was		
(a) executed on	; (Insert date of execution of appl	ication, if not concurrent)		
(b) filed on April 25, 2008				
Seria) No. 12/110, 107 :	Assignee's attorney is hereb dato, when known.	y authorized to insert in (b) the specified		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein	I thereon, for the full term or terms for which the hafter, "said application(s) and Letters Patent(s	;)").		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein.  The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any leacts to include but not be limited to executing all papsworn testimony, and obtaining and producing evide	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appears, including separate assignments and declarance.	ne said Letters Patent(s) may be granted and (s)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention.  Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any leacts to include but not be limited to executing all papsworn testimony, and obtaining and producing evide IN WITNESS WHEREOF, the undersigned inventor	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appears, including separate assignments and declarance.	ne said Letters Patent(s) may be granted and (s)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any leacts to include but not be limited to executing all papsworn testimony, and obtaining and producing evide IN WITNESS WHEREOF, the undersigned inventor	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appears, including separate assignments and declarate.  Intor(s) has (have) affixed his her/their signature.	ne said Letters Patent(s) may be granted and of ")").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention. Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all paps worn testimony, and obtaining and producing evide IN WITNESS WHEREOF, the undersigned invertible of the producing evidence of the producing eviden	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter properties of said Letters and spelication(s) and the issuance of said Letters itigation or other legal proceeding which may room, including separate assignments and declarate.  Hiroyasu YOSHIKAWA  (Type Name)	ne said Letters Patent(s) may be granted and of ")").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention. Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all paps worn testimony, and obtaining and producing evide IN WITNESS WHEREOF, the undersigned invertible of the producing evidence of the producing eviden	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appears, including separate assignments and declarate.  Intor(s) has (have) affixed his her/their signature.	ne said Letters Patent(s) may be granted and of ")").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention. Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said reexamination, or public use proceeding, and in any leacts to include but not be limited to executing all paps swom testimony, and obtaining and producing evides IN WITNESS WHEREOF, the undersigned invertible of the property of the collection of the collecti	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may abors, including separate assignments and declarate.  Hiroyasu YOSHIKAWA  (Type Name)  Koichi TEZUKA  (Type Name)	ne said Letters Patent(s) may be granted and or)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention.  Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all paps worn testimony, and obtaining and producing evide IN WITNESS WHEREOF, the undersigned invertible of the producing evidence of the producing eviden	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may abors, including separate assignments and declarate.  Hiroyasu YOSHIKAWA  (Type Name)  Koichi TEZUKA  (Type Name)	ne said Letters Patent(s) may be granted and (s)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention. Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).  Apr. 18, 2008  (Date)  May 20, 2008  (Date)  Apr. 24, 2vo 8  (Date)		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablinching in the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all papsworn testimony, and obtaining and producing evide  IN WITNESS WHEREOF, the undersigned invention of the producing evide (Signature)  1) Hiroyosu Yoshikawa (Signature)  2) Kaichi Tezuka (Signature)  3) Kaiushi Uho (Signature)	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the let or expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appropriate the said letters including separate assignments and declarance.  Inter(s) has (have) affixed his her/their signature  Hiroyasu YOSHIKAWA  (Type Name)  Koichi TEZUKA  (Type Name)  Kazushi UNO	ne said Letters Patent(s) may be granted and c)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention.  Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said reexamination, or public use proceeding, and in any leasts to include but not be limited to executing all paps sworn testimony, and obtaining and producing evide IN WITNESS WHEREOF, the undersigned invention of the producing evidence of the producing of the collection of the producing evidence of the prod	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appreciate the second supplication of the second supplication of the second supplication of the legal proceeding which may approximately application of the legal proceeding which may appear as signments and declarate.  Hiroyasu YOSHIKAWA (Type Name)  Koichi TEZUKA (Type Name)  Kazushi UNO (Type Name)  Yasumasa IWAMURA (Type Name)  Yuzuru YAMAKAGE	ne said Letters Patent(s) may be granted and (s)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention.  Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).  Apr. 18, 2008  (Date)  Apr. 18, 2008  (Date)  Apr. 18, 2008		
substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirablincluding in the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all papsworn testimony, and obtaining and producing evide  IN WITNESS WHEREOF, the undersigned invention of the producing evide (Signature)  1) Hivoyasu Yoshikawa (Signature)  2) Kaichi Tezuka (Signature)  3) kaiushi Uho (Signature)	I thereon, for the full term or terms for which the lafter, "said application(s) and Letters Patent(s) of ASSIGNEE and without charge to but at the letter expedient, for securing, maintaining and application(s) and the issuance of said Letters itigation or other legal proceeding which may appropriate the second supplication of the legal proceeding which may appropriate the second supplication of the legal proceeding which may appropriate the second supplication of the legal proceeding which may appropriate assignments and declarance.  Hiroyasu YOSHIKAWA (Type Name)  Koichi TEZUKA (Type Name)  Kazushi UNO (Type Name)  Yasumasa IWAMURA (Type Name)	ne said Letters Patent(s) may be granted and (s)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such rations, taking all rightful oaths, providing re(s).  Apr. 18, 2008  (Date)  Apr. 18, 2008  (Date)  Apr. 18, 2008  (Date)  Apr. 18, 2008		