	•	- 05-07-1	998		Docket No. 14321.7	
(Rev	M PTO-1595 . 8-93) I No. 0851-0011 (exp. 4/94)	RE MANAGEMENT		SHEET	U.S. DEPARTMENT OF COMMERCI Patent and Trademark Office	
	ab settings □ □ □ ▼	1007041			420 00	
	To the Honorable Commissioner	of Paperits and Trademarks:	Please record the	attached origina	i documents or copy thereof.	
1.	Name of conveying party(ies): Takashi Kurokawa	APR 28 1998 33	Name:	Nippon Tele	ceiving party(ies) egraph and Telephone n	
Ad	ditional name(s) of conveying party(ies) at	ttasker Market]		ku 3-chome	
3.	Nature of conveyance:		S <u>hinjuku</u>	-ku, Tokyo	163-19, JAPAN	
	☑ Assignment	☐ Merger	Street Add	dress:		
	☐ Security Agreement	☐ Change of Name			· · · · · · · · · · · · · · · · · · ·	
	□ Other		City:	.	_ State: ZIP:	
Ex	ecution Date: OCTOBY 20	, 1997	Additional n	ame(s) & address((es) attached? 그 Yes 쩐 No	
	If this document is being filed tog A. Patent Application No.(s) 08/921,844	gether with a new applicatio	en, the execution B. Paten		olication is:	
		Additional numbers a	ttached? 🔾 Yes 🖾	No		
5.	Name and address of party to who concerning document should be	· ·	6. Total num	ber of application	ons and patents involved:	
	Name: Dana L. Tangren		7. Total fee	(37 CFR 3.41).	\$40.00	
	Internal Address: WORKMAN, N	YDEGGER & SEFLEY	⊠ Enclos	sed	arged to deposit account	
05/05/	Street Address: 1000 Eagle 60 EAST 1998 NOTION IS ACCORDED TO STATE OF STAT	th Temple	23-3178		r: page if paying by deposit account)	
	/	DO NOT US	E THIS SPACE			
9.	Statement and signature. To the best of my knowledge and the original document. Dana L. Tangren	belief, the foregoing inform	nation is true and	Correct and ar	APr. / ZZ, 1998	- 1
	Name of Person Signing	Total number of pages including	Signature	ments, and docum	Date 4	

Assignment for Serial No. 08/921,844

Docket No. 14321.7

Additional Inventors

Kiroyuki Tsuda Katsunari Okamoto Kazunori Naganuma Tetsuyoshi Ishii Hirokazu Takenouchi

> PATENT REEL: 9140 FRAME: 0429

Attorney	Docket
14321.7	

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS 1) Takashi KUROKAWA 2) Hiroyuki TSUDA 3) Katsunari OKAMOTO
4)Kazunori NAGANUMA 5) Tetsuyoshi ISHII and 6) Hirokazu TAKENOUCHI
hereinafter (collectively) referred to as the assignor, has invented a certain
improvement relating to OPTICAL SIGNAL PROCESSING APPARATUS AND
OPTICAL SIGNAL PROCESSING METHOD
for which said assignor has caused an application for United States Letters
Patent to be prepared,
[] the inventor declaration for said application being executed concurrently
with the execution of this instrument; said application to be filed in
the United States Patent and Trademark Office;
[x] said application having been filed in the United States Patent and Trademark
Office on September 2, 1997 , Application Number [if known]
08/921,844 ;
[] said application having been filed under the Patent Cooperation Treaty on
, Application No,
the United States of America being designated.
AND WHEREAS NIPPON TELEGRAPH AND TELEPHONE CORPORATION
19-2 Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-19, Japan
hereinafter referred to as the assignee, is desirous of acquiring the entire
right, title and interest in and to said application, including any and all
divisions and continuations thereof, and in and to said invention and any and
all patents which may be granted therefor, including, any and all renewals,
reissues and prolongations thereof;
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00),
and other good and valuable consideration paid by said assignee to said
assignor, the receipt of which is hereby acknowledged, said assignor hereby
assigns, sells and transfers to said assignee, and said assignee's successors
and assigns, the entire and exclusive right, title and interest in and to said
application, including any and all divisions and continuous thereof, and in and
to said invention and any and all patents which may be granted therefor,
including any and all renewals, reissues and prolongations thereof; said
assignee, and said assignee's successors and assigns, to have, hold exercise and
enjoy the said application, including any all divisions and continuations
thereof, and the said invention and any all patents which may be granted
therefor, including any and all renewals, reissues and prolongations thereof,
with all the rights, powers, privileges and advantages in anywise arising from
or appertaining thereto, for and during the term or terms of any and all such
patents when granted, including any and all renewals, reissues and prolongations
thereof, for the use and benefit of said assignee, and said assignee's
successors and assigns, in as ample and beneficial a manner as the said assignor
might or could have held and enjoyed the same, if this assignment had not been
made.
AND said assignor hereby agrees to perform, upon the request of said
assignee, or said assignee's successors or assigns, any and all acts relating to

assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

 $\ensuremath{\mathsf{AND}}$ said assignor authorizes and requests the Commissioner of Patents and

PATENT REEL: 9140 FRAME: 0430 Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this20th_ day of	October , 199 <u>7</u> .
WITNESSES:	ASSIGNOR:
Signature: Joshino Limach Name: Yoshihiro KIMACHI Address: 3-20-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-14, Japan	Signature: Fakashi Kurokawa Name: Takashi KUROKAWA
EXECUTED, this day of	October , 199 <u>7</u> .
WITNESSES:	ASSIGNOR:
Signature: Johnson Mane: Yoshihiro KIMACHI Address: 3-20-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-14, Japan	Signature: Mraphi Zsuda Name: Hiroyuki TSUDA
EXECUTED, this20th_ day of WITNESSES:	October , 1997. ASSIGNOR:
1	1100 20110111
Signature: John'm Tmach' Name: Yoshihiro KIMACHI Address: 3-20-2, Nishi-Shinjuku,	

EXECUTED, this 20th day of	October , 199 <u>7</u> .
WITNESSES:	ASSIGNOR:
Signature: Ushihin Zuachi Name: Yoshihiro KIMACHI Address: 3-20-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-14, Japan	Signature: Kazunori NAGANUMA
EXECUTED, this day of	October, 199 <u>7</u> .
WITNESSES:	ASSIGNOR:
Signature: Joshiko Chachi Name: Yoshihiro KIMACHI Address: 3-20-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-14, Japan	Signature: J. John. Name: Tetsuyoshi ISHII
EXECUTED, this day of WITNESSES:	ASSIGNOR:
Signature: Joshihim Chachi	Signature: N. Jakenouchi
Name: Yoshihiro KIMACHI Address: 3-20-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-14,	Name: <u>Hirokazu TAKENOUCHI</u>
Japan	

PATENT REEL: 9140 FRAME: 0432

RECORDED: 04/28/1998

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