(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	HDP Docket No. 5259-000015
	HDP Docket No. 5259-000015
$\frac{\text{Tab settings} \Rightarrow \Rightarrow \Rightarrow  \bullet  \bullet}{\text{Tab settings}} \qquad 102$	366460 s: Please Record the attached original documents or copy thereof.
To the Honorable Commissioner of Patents and Trademark	s: Please Record the attached original documents of copy thereof.
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Akira Hirano	Name: Nippon Telegraph and Telephone Corporation
Akihiko Matsuura 02,65.03	Internal Address:
Additional name of conveying party(ies) attached? 🗌 Yes 🛛 N	
3. Nature of conveyance:	
	Street Address: <u>3-1, Otemachi 2-chome,</u>
Assignment  Merger	Chiyoda-ku,
Security Agreement Change of Name	City: <u>Tokyo</u> State: <u>Japan</u> Zip:
□ Other	Additional Name(s) & address(es) attached?  Yes X No
Execution Date: <u>1/06/2003</u>	
<ol> <li>Application number(s) or patent number(s):</li> </ol>	10358737
If this document is being filed together with a new applica	
A Patent Application No. (s)	I B Datant No. (c)
A. Patent Application No.(s)	B. Patent No.(s)
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A. Patent Application No.(s)	B. Patent No.(s)
	B. Patent No.(s)
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Additional numbers 5. Name and address of party to whom correspondence	attached?  Yes X No
Additional numbers 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Gregory A. Stobbs	attached?       Yes       No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 3.41) \$ 40.00
Additional numbers 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Gregory A. Stobbs	attached? Yes No   6. Total number of applications and patents involved: 1   7. Total fee (37 CFR 3.41)\$ 40.00   Enclosed
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Additional numbers 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Gregory A. Stobbs Internal Address: <u>Harness, Dickey &amp; Pierce, P.L.C.</u>	attached?       Yes       No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 3.41)\$ 40.00         Enclosed         Authorized to be charged to deposit account
Additional numbers 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Gregory A. Stobbs Internal Address: Harness. Dickey & Pierce. P.L.C. Street Address: P.O. Box 828	attached?       Yes       No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 3.41) \$ 40.00         Ø       Enclosed         Inclosed       1         Authorized to be charged to deposit account         8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit
Additional numbers         Additional numbers         Additional numbers         Additional numbers         Stocker         Internal Address:         Harness.         Dickey & Pierce.         P.L.C.         Street Address:         P.O.         Bloomfield Hills         State:         MI         Zip:         48303	attached?       Yes X No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 3.41) \$ 40.00         X Enclosed         Authorized to be charged to deposit account         8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750.
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ASSIGNMENT OF APPLICATION	Docket Number (Optional)
	5259-000015
Whereas We, (1) Tomoyoshi Kataoka; (2) Akira F	lirano; and (3) Akihiko
Matsuura	
of (1)-(3): c/o NTT Intellectual Property Cen	nter, 9-11, Midori-cho
3-chome, Musashino-shi, Tokyo, Japan	
hereafter referred to as applicant, have invented certain new and useful impro	ovements in
OPTICAL TRANSMISSION CIRCUIT	
for which an application for a United States Patent was filed on,	
Application Number	,
/ pp//deliger realized	
for which an application for a United States Patent was executed on _	, and
NIPPON TELEGRAPH AND TELEPHONE CORPORA	ATION of Japan
herein referred to as "assignee" whose post office address is	
3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Ja	ipan
is desirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of dollars	(\$), the receipt whereof is
acknowledged, and other good and valuable consideration, I, the a	pplicant, by these presents do sell,
assign and transfer unto said assignee the full and exclusive right to th	he said invention in the United States
and the entire right, title and interest in and to any and all Patents w	which may be granted therefor in the
United States, I hereby authorize and request the Commissioner of Pa	atents and Trademarks to issue said
United States Patent to said assignee, of the entire right, title, and inte	
use and behoof; and for the use and behoof of his legal representa	
which said Patent may be granted, as fully and entirely as the same v	
assignment and sale not been made.	
Executed this day of January, 20,	
at Tokyo, Japan 7777	oyosh Kataoha (Signature) Tomoyoshi Kata kira Hirano (Signature) Akira Hirano
	(Signature) Tomoyoshi Kata
A	him a string of

## PATENT REEL: 013749 FRAME: 0024

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	akihik	materina	
	(5	signature) Akihiko Matsuura	
State of) SS: County of) Before me personally appeared said			
and acknowledged the foregoing instrument to be his day of, 20	free act and deed this		
Seal	(N	lotary Public)	
			[

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