FORM PTO-1595 (Rev. 6-93)

RECURDA 102259279

ER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)	PATENT	S ONLY Attorney Docket No. 78038
To the Honorable Comm	nissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ic	es):	Name and address of receiving party(ies)
HIROO SUZUKI MASAMICHI FUJIWARA MITSUHIRO TESHIMA KOJI AKIMOTO		Name: NIPPON TELEGRAPH AND TELEPHONE CORPORATION
SHINGO KAWAI NOBORU TAKACHIO	JUN-ICHI KANI KATSUMI IWATSUKI	Street Address: 3-1 Otemachi 2-chome, Chiyoda-ku
3. Nature of conveyance:	50-8-0	City: Tokyo State: JAPAN ZIP: 100-8116
Assignment	□ Merger	
Security AgreementOther	□ Change of Name	
Execution Date: October	1, 2002	Additional name(s) and address(es) attached? ☐ Yes ☒ No
Application number(s) or particular this document is being filed.		10/a66905 execution date of the application is: October 1, 2002
A. Patent Application No.(s)	B. Patent No.(s)
5 Name and address of party concerning document shou	to whom correspondence	attached? 므 Yes 펼 No 6. Total number of applications and patents involved:1
Name: Kenneth H. Samples		7. Total fee (37 CFR 3.41)\$ 40.00
FITCH, EVEN, TABIN & FLANNERY		□ Enclosed
Internal Address:		 Authorized to be charged to deposit account. Transaction No. 5856.
Street Address: Suite 16		Deposit Account Number: 06-1135
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Kenneth H. Samples Name of Person Signing	25,747 Registration No.	Signature Date
Total	number of pages including cover sh	eet, attachments, and document:3
Ма	il documents to be recorded with	required cover sheet information to:

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PATENT REEL: 013404 FRAME: 0197

ASSIGNMENT

I/WE, <u>Hiroo SUZUKI</u>, residing in Kanagawa, Japan, and a citizen of Japan, <u>Masamichi FUJIWARA</u>, residing in Kanagawa, Japan, and a citizen of Japan, Mitsuhiro Teshima, residing in Kanagawa, Japan, and a citizen of Japan, Koji AKIMOTO, residing in Kanagawa, Japan, and a citizen of Japan, Shingo KAWAI, residing in Kanagawa, Japan, and a citizen of Japan, <u>Jun-ichi KANI</u>, residing in Kanagawa, Japan, and a citizen of Japan, Noboru TAKACHIO, residing in Kanagawa, Japan, and a citizen of Japan, Katsumi IWATSUKI, residing in Kanagawa, Japan, and a citizen of Japan, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to NIPPON TELEGRAPH AND TELEPHONE CORPORATION (Assignee), having a principal place of business at 3-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States entitled:

RING N	IETWORK	USING	MULTI-WAVELENGTH	GENERATOR	
_ Assigned A	Applica	tion S	erial No,	filed	
X Attached	hereto				

and in and to all Patent and all Convention and Treaty rights of all kinds including the rights to claim priority therefrom, in all countries throughout the world, for all such subject matter.

I/We agree to sign all documents necessary to secure all said Patents and rights, and request issuance of all said Patents to the above assignee in accordance with this request.

October 1 , 2002	Hiroo Suzuki Hiroo Suzuki	
October 1 , 2002	Masamily Fujiwara Masamichi FUJIWARA	

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October 1 , 2002	Mitsuhiro Teshima
October 1 , 2002	Koji AKIMOTO
October 1, 2002	Shingo KAWAI
October 1 , 2002	Jun-ichi KANI
October 1 , 2002	Noboru Fakuchite Noboru TAKACHIO
October 1, 2002	Katsumi IWATSUKI