	01-22-1999		
TOPM PTO: 1895 RECO		HEET	U.S. DEPARTMENT OF COMMER
(Rec. 5-93 ((M3 No to 1-0)) . (exp. 4/94)			Patent and 1 adema s
To the Honorable Commissioner ပ	100950560	aginal documents or copy	thereof
1 Name of conveying part(ies):	2. Name and addre	ss of receiving party(ies)
OKI TELECOM, a division of OKI AMERICA, INC	C. Name:	Oki Telecom, li c.	
sedifional name(s) of conveying party(ies) attached? □ Yes ⊠No	Street Address:	437 Old Peachtree Suwanee, GA 300	
1.21.99	Additional n	ame(s) & address(es) attach	ned? □ Nes □ No
3. Nature of conveyance:			
		36146	
4. Application number(s) or patent number(s):	——————————————————————————————————————		**
If this document is being filed together with a new ap	oplication, the execution date of the ap	plication is:	<u>الا</u>
A Patent application No.(s)	B. Pater t No.(s)	م العالمة المنطاق المنظمة	
08:249.261		action of the second se	
A	dditional numbers attached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:		applications/patents	involved: []
Jeffrey R. Kuester Thomas. Kayden, Horstemeyer & Risley, L.L.P 100 Galleria Parkway, Suite 1500 Adanta. Georgia 30339			
/21/1999 SBURMS 00000158 08249261 —	7. Total fee (37 CF)	R 3.41) \$ 40.00	
FC:581 40.00 @		be charged to deposi-	account
1	8. Deposit Account	Number:	
	20-0778 (Attach duplicate copy	of this page if paying by l	Deposit Acccurit)
	DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing true copy of the original document. Jeffrey R. Kuester	g information is true and correct and	any attached copy is a	-/44
Typed Name Docket # 191510-+120 Total number of pa,	ges including cover sheet, attachments, and doc	ument: [6]	μ.

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents, Box Assignments

Washington, D.C. 20231

OKI ASSIGNMEN Γ. doc

PATENT ASSIGNMENT

WHEREAS, **OKI TELECOM**, a division of **OKI AMERICA**, **INC.**, a Corporation of the State of Delaware, having its principal place of business at 437 Old Peachtree Road, Suwanee, Georgia 30024, is the owner of interests in provisional applications for Letters of Patent, applications for Letters of Patent, and Letters of Patent, filed in the United States Patent and Trademark Office as dated and bearing the Serial Nos as indicated below:

APPLICATIONS FOR LETTERS OF PATENT

Serial Numbers; Filing Dates; Attorney Docket Number

- 08/442,883; May 17, 1995; 191510-1031
- 08/794,267; January 31, 1997; 191510-1032
- 09/040,556; March 18, 1998; F21510-1033
- 08/078,983; June 16, 1993; 19\\510-1040
- 07/611,712; November 13, 1990; 191510-1060
- . 08/016,676; February 2, 1993; \(\frac{1}{2}\)91510-1061
- 08/974,585; November 19, 1997; 191510-1072
- 08/249,261; May 25, 1994; $1915\%-1120^{-1}$
- 08/474,409; June 7, 1995; 191510-1165
- 08/813,537; March 7, 1997; 191510-1166
- 08/336,842; November 9, 1994; 191510-1190
- 08/466.080: June 6, 1995: 191510-1191
- 08/796,346; February 7. 1997; 191510-1192
- 08/967,751; November 10, 1997; 191510-1201
- 08/571,511: December 13, 1995; 191510-13/5
- 08/825,270; March 27, 1997; 191510-1316
- 08/788,170; January 24, 1997; 191510-1385
- 08/613,633; March 9, 1996; 191510-1395
- 07/579,894; September 10, 1990; 191510-1417

PROVISIONAL APPLICATIONS FOR LETTERS OF PATENT

Serial Numbers: Filing Dates; Attorney Docket Number

- 60/003,625; 9/12/95; 191510-1310
- 60/010,594: 1/25/96; 191510-1380
- 60/012,428; 2/28/96; 191510-1390
- 60/012,480; 2/29/96; 191510-1400

ISSUED PATENTS

Patent Numbers; Filed Date; Issued Date; Attorney Docket Number

- Des. 346,492; 11/3/92; 5/3/94; 191510-1010
- 5,442,806; 6/8/93; 8/15/95; 191510-1030
- 5,603,113; 2/9/95; 2/11/97; 191510-1041
- 5,722,068; 1/26/94; 2/24/98; 191510-1070
- 5,732,347; 6/5/95; 3/24/98; 191510-1071
- 5,354,212; 3/11/93; 10/11/94; 191510-1100
- 5,385,484; 5'23/94; 1/31/95; 191510-1101
- 5,649,288; 6/6/95; 7/15/97; 191510-1121
- 5,488,322; 6/10/94; 1/30/96; 191510-1130
- 5,602,513; 6/6/95; 2/11/97; 191510-1131
- 5,627,835; 4/4/95; 5/6/97; 191510-1140
- 5,726,982; 6/6/95; 3/10/98; 191510-1141
- 5,689,815; 5/4/95; 11/18/97; 191510-1200
- 5,276,729; 7/14/92; 1/4/94; 191510-1411
- 5,169,097; 11/27/90; 12/8/92; 191510-1420
- 5,169,105; 2/6/92; 12/8/92; 191510-1421

and

WHEREAS, Oki Telecom, Inc., a Corporation of the State of Delaware, having its principal place of business at 437 Old Peachtree Road, Suwanee, Georgia 30024, is desirous of acquiring interests in the same.

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, OKI TELECOM, a division of OKI AMERICA, INC... by these presents do sell, assign and transfer unto Oki Telecom, Inc., its full, exclusive and entire rights, titles and interests: (i) in and to all inventions and improvements disclosed and described in said Patents and applications. (ii) in and to said Patents and applications, (iii) in and to said Patents and applications, (iii) in and to said Patents and applications; and (iv) in and to any not-provisional patent applications filed in the United States describing in whole or in part the said invertions and improvements, preparatory to obtaining Patents of the United States therefore, and I Tereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from such non-provisional patent applications, or from a division, continuation, continuation-in-part, or reissue thereof to Oki Telecom. Inc. as Assignees, for their interest and for the sole use and behoof of Oki Telecom, Inc. and their assigns and legal representatives;

For the same consideration, OKI TELECOM, a division of OKI AMERICA, INC.. by these presence do sell, assign and transfer to Oki Telecom. Inc. its full, exclusive, and entire rights, titles and interests in and to any foreign application or applications corresponding to said Patents and applications, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign applications, and in and to the rights to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Oki Telecom, Inc. or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, **OKI TELECOM**, a division of **OKI AMERICA**, **INC**, agrees to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Oki Telecom**, **Inc.**, their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

7 23 98 DATE	J. Banno, President, OKI AMERICA, INC.		
STATE OF GEORGIA	COUNTY OF Coursett		
D.C. STA D.H.	and for the state of Constitution with 13 day		

Before me, a Notary Public in and for the State of <u>Clergia</u>, on this <u>Bird</u> day of <u>Jide</u>, 1998, personally appeared <u>Tide</u>, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

RECORDED: 01/21/1999

Jenneho Mluret

My Commission Expires: Notary Public, Gwinnett County, Georgia
My Commission Expires Jan. 9, 2010