07-27-2000 FORM PTO-1619A U.S. Department of Commerce Patent and Trademark Office Expires 06/30/99 OMB 0651-0027 PATENT 101414544 **RECORDATION FORM COVER SHEET** PATENTS ONLY The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type X Assignment New **Security Agreement** Resubmission (Non-Recordation) License Change of Name Document ID# **Correction of PTO Error** Merger Other Reel # Frame # U.S. Government **Corrective Document** (For Use ONLY by U.S. Government Agencies) Reel # 9017 Frame # 0578 Departmental File **Secret File** Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year Name (line 1) Wiley, William Lyle 02201998 Name (line 2) Execution Date Month Day Year Second Party Howell, Royal Dean 02201998 Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached Name (line 1) Sprint Communications Company, L. P. If document to be recorded is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic Address (line 1) | 8140 Ward Parkwy, 5th Floor representative is attached. (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Kansas City 64114 State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Eugene G. Kim Address (line 1) Duft, Graziano & Forest, P. C.

Address (line 2) P. O. Box 270930

Address (line 3)

Address (line 4) Louisville,, CO 80027

09027008

00000139 210765

FOR OFFICE USE ONLY

07/26/2**0**00 ASCOTT 01 FC:581

40.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and public burden reporting for this correction of another than the second of the second o Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

> Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-1 Expires 06/30/99 OMB 0651-0027	1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Corresponden	t Name and Address Area Cod	le and Telephone Number (913)	624-6668	
Name $\overline{\mathbb{H}_3}$	arley R. Ball			
Address (line 1) Sp	orint Communications Company, L. P.			
Address (line 2) 81	40 Ward Parkway, 5th Floor			
Address (line 3)	lailstop: MOKCMP0504			
Address (line 4) K	ansas City, MO 64114			
_	inter the total number of pages of the a	nttached conveyance document	# 2	
	umber(s) or Patent Number(s)	<u> </u>	nal numbers attached	
	Patent Application Number or the Patent Number			
09/027,008	t Application Number(s)	Patent Nun	z) (z) nacr(s)	
			Month Day Year	
If this document is be signed by the first na	eing filed together with a <u>new</u> Patent Application, amed executing inventor.	enter the date the patent application was	month Day rear	
Patent Cooper	ration Treaty (PCT)	РСТ	PCT	
	PCT application number			
	a U.S. Application Number PCT the been assigned.	PCT	PCT	
Number of Properties  Enter the total number of properties involved. # 1				
Fee Amount	Fee Amount for Properti	es Listed (37 CFR 3.41): \$ 40.0	00	
Method of		Deposit Account X		
Deposit Account  (Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: #21-0765				
	Authorization	n to charge additional fees: Yes	X No	
Statement and				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as				
indicated	d herein.	m. N.	6/24/00	
Eugene G. Kim	n(	Signature	Date	
Haine O	1 1 010011 0.BB	,		

PATENT REEL: 010941 FRAME: 0145

Patent and Trademark Office

100660147 al documents or copy thereof. To the Honorable Commissioner of Patents at 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Bill Wiley, Dean Howell Additional name(s) of conveying party(ies) attached? yes X no Name: Harley R. Ball Sprint Communications Company, L.P. Internal Address: MOKCMP0506 3. Nature of Conveyance: Street Address: 8140 Ward Parkway X Assignment ☐ Merger Security Agreement ☐ Change of Name City: Kansas City State: MO ZIP: 64114 Other: Additional name(s) & address(es) attached? 

Yes X No Execution Date: February 20, 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: February 20, 1998 A. Patent Application No.(s) B. Patent No.(s) 03/12/1998 01 FC:581 00033 DAN:210765 Additional numbers attached? 

Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Harley R. Ball 7. Total fee (37 CFR 3.41):....\$ 40.00 Sprint Communications Company, L.P. ☐ Enclosed Internal Address: MOKCMP0506 X Authorized to be changed to deposit account Street Address: 8140 Ward Parkway 8. Deposit account number: City: Kansas City State: MO ZIP: 64114 21-0765 (Attached duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Harley R. Ball Patent Attorney #31,733 Name of Person Signing Total number of pages comprising cover sheet: 1

> **PATENT** REEL: 010941 FRAME: 0146

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or an original, first and joint
inventor (if plural inventors are named below) of the invention relating to "System and Method For Connecting a Call
With an Interworking System" described in an application for Letters Patent of the United States of America filed on
, Serial No, or, if not identified here by filing date and serial number, executed by me on even date with
my execution of this Assignment.

For valuable consideration received, I hereby sell, assign and transfer to Sprint Communications Company L.P., a corporation duly organized and existing under the laws of the State of Delaware, United States of America, its successors and assigns, my entire right, title and interest, for all countries in and to said inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Sprint Communications Company L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

After this Assignment has been recorded, please return it to:

Attn: Harley R. Ball

Sprint Law Department 8140 Ward Parkway Mailstop: MOKCMP0506 Kansas City, Missouri 64114

> PATENT REEL: 010941 FRAME: 0147

JOINT INVE	NTOR	
Inventor (1)	Royal Dean Howell (Type or Print)	(Signature in Full)
Citizenship	USA Citizen	Date: 67/20/98
Post Office A	ddress: Trimble, Missouri	· / ·
Residence: 18	3502 C. Highway, Trimble, Missouri 644	92
1st Witness: _	(Type or Print)	(Signature)
2nd Witness:	DEAN C. BOIST (Type or Print)	(Signature)
JOINT INVE	NITOD	
Inventor (2)	William Lyle Wiley (Type or Print)	(Signature in Full)
Citizenship	USA Citizen	Date: 2 - 20 - 98
Post Office A	ddress: Olathe, Kansas	
	14 N. Mesa St., Olathe, Kansas 66061	
1st Witness: _	TAY S. SEATTY (Type or Print)	(Signature)
2nd Witness	space La Alcha	Tracy Le Relson
Zild Withoss.	Type or Print)	(Signature)

**RECORDED: 06/29/2000**