05-27-1999

FORM PTO-1619A

U.S. Department of Commerce

Expires 06/30/99 OMB 0651-0027	903	Patent and Trademark Office PATENT		
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RECORDA	ATION FORM COVER SHEET			
PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission Type	KS: Please record the attached original of Conveyance Type	ocument(s) or copy(les).		
New		Agreement		
Resubmission (Non-Recordation) Document ID#	License Change o	f Name 08853843		
Correction of PTO Error	Merger Other			
Reel # Frame # Corrective Document	U.S. Governm (For Use ONLY by U.S. Gover	nent		
X Reel # 8560 Frame # 0584	Departmental File	Secret File		
Conveying Party(ies)	X Mark if additional names of conveying	-AUGUMON BUILD		
Name (line 1) Gardner, Michael Joseph		Month Day Year 05/09/1997		
Name (line 2)		Execution Date		
Second Party Name (line 1) Nelson, Tracy Lee		Month Day Year 05/09/1997		
		03/03/1997		
Name (line 2)				
Receiving Party	Mark if additional nam	es of receiving parties attached		
Name (line 1) Sprint Communications Compa	ny, L.P.	If document to be recorded is an assignment and the		
Name (line 2)		receiving party is not domiciled in the United States, an appointment		
Address (line 1) 8140 Ward Parkway		of a domestic representative is attached. (Designation must be a		
Address (line 2)		separate document from Assignment.)		
Address (line 3) Kansas City		114 Zip Code		
Domestic Representative Name and A	State/Country ddress Enter for the first Receiving			
Name Michael J. Setter				
Address (line 1) Duft, Graziano & Forest, P.C				
Address (line 2) 1790 - 30th Street, Suite 140				
Address (line 3)				
Address (line 4) Boulder, CO 80301-1018				
999 JSHABAZZ 00000151 210765 08853843	FOR OFFICE USE ONLY			
58) 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 gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB 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

PATENT

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address Area Code and Telephone Number		
Name Harley R. Ball		
Address (line 1) Sprint Law Department		
Address (line 2) 8140 Ward Parkway		
Address (line 3) Mailstop: MOKCMP0506		
Address (line 4) Kansas City, MO 64114		
Pages Enter the total number of paincluding any attachments.	ges of the attached conveyance docu	# [3
Application Number(s) or Patent Nun		f additional numbers attached
Enter either the Patent Application Number or the F		rs for the same property). nt Number(s)
Patent Application Number(s) 08/853,843		The Number(s)
If this document is being filed together with a <u>new</u> Pate signed by the first named executing inventor.	nt Application, enter the date the patent applica	tion was Month Day Year
Patent Cooperation Treaty (PCT)	PCT PCT	PCT
Enter PCT application number		
only if a U.S. Application Number has not been assigned.	PCT PCT	PCT
Number of Properties Enter the tot	tal number of properties involved.	# [1
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00
Method of Payment: Enclo	psed 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 to charge additional fees:	Yes X No
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. Charges to deposit account are authorized, as indicated herein.		
Michael J. Setter, Reg. No. 37,936	mis	5-19-99
Name of Person Signing	Signature	Date

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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Party(ies) Mark if additional names of conveying parties attached				
Enter additional C	conveying Parties	Execution Date Month Day Year		
Name (line 1) W	iley, William Lyle	05/09/1997		
Name (line 2)		7		
L		Execution Date Month Day Year		
Name (line 1) Du	uRee, Albert Daniel	05/09/1997		
Name (line 2)		7		
· · · · · ·		Execution Date Month Day Year		
Name (line 1)				
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Name (line 2)		<u> </u>		
Receiving Par	<u> </u>	ies attached		
	Receiving Party(ies)	If document to be recorded		
Name (fine 1)	L	If document to be recorded is an assignment and the receiving party is not		
Name (line 2)		domiciled in the United States, an appointment		
Address (line 1)		of a domestic representative is attached. (Designation		
Address (inter)		must be a separate document from		
Address (line 2)		Assignment.)		
Address w s				
Address (line 3)	City State/Country Zip Co	ode		
Name (line 1)	[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		
Address (line 1)		domestic representative is attached. (Designation must		
Address at a		be a separate document from Assignment.)		
Address (line 2)		-		
Address (line 3)	City State/Country Zip	Code		
Application N	umber(s) or Patent Number(s) Mark if additional numbers attached	××××		
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).				
Pa	tent Application Number(s) Patent Num	ber(s)		
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PATENT

RECORDATION FORM COVER SHEET

Patent and Trademark Office

PATENTS ONLY

ents and Trademarks. Please record the attached original documents or copy thereof.

1 COCIA ACCIONA	-
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Michael Joseph Gardner, Tracy Lee Nelson, William Lyle Wiley, Albert Daniel DuRee, Joseph Michael Christie	
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	Street Address: 6140 Ward Parkway
☐ Security Agreement ☐ Change of Name	City: Kansas City State: MO ZIP: 64114
Other:	Additional name(s) & address(es) attached? Yes X No
Execution Date: May 9, 1997	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on, the execution date of the application is: May 9, 1997
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers atta	ched? ☐ Yes X No
5. Name and address of party to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved: 1
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:
1007ERS R 0000037 1, 100 113 12107.65/10 0245 3.863 114	21-0765
DO NOT US	(Attached duplicate copy of this page if paying by deposit account) E THIS SPACE
9. Statement and signature	
To the best of my knowledge and belief, the foregoing inf true copy of the original document.	ormation is true and correct and any attached copy is a
Michael J Setter Patent Attorney #37,936	May 9, 1997
Name of Person Signing Signi	ature Date
Total number of pages comprising cover sheet: 1	

PATENT

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" described in an application for Letters Patent of the United States of America filed on ______, Application 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.

This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above identified application.

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: 009971 FRAME: 0283

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SOLE OR JOINT		Mr. h. M. and M. M. a
Inventor (1)	Michael Joseph Gardner	Mollel oson Land
	(Type or Print)	(Signature in Full)
		-1-10-
Citizenship	USA Citizen	Date: 5/9/97
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Residence: 5307	W. 100th Street, Overland Park, Kansas 6620)7
		(100 10)
1st Witness: 🔌	ILLIAN L. WILEY	la tallia Y (Da Dea
	(Type or Print)	(Signature)
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-	TAY B. BEATT((Type or Print)	//. AA.tt.
2nd Witness:	14 V. 8 E 177-1	Jay D Delling
	(Type or Print)	(Signature)
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SOLE OR JOINT	*	
	Albert Daniel DuRee	Olbert Daniel Dulce (Signature in Full)
Inventor (2)		1000 4 Daniel Daniel
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Citizenship	USA Citizen	Date: 5/9/97
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Residence. 1091.	3 Gogan Road, Independence, Missouri 6405	5
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1st Witness:	(Type or Print)	handlon & broth
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1st Witness:	(Type or Print) AY B. BEATTU (Type or Print)	(Signature) (Signature)
2nd Witness:	(Type or Print) (Type or Print) (Type or Print)	(Signature) (Signature)
1st Witness:	(Type or Print) (Type or Print) William Lyle Wiley	Signature) (Signature) William Lyle William
2nd Witness:	(Type or Print) (Type or Print) (Type or Print)	(Signature) (Signature)
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2nd Witness:	(Type or Print) AY D. BCATTLE (Type or Print) William Lyle Wiley (Type or Print) USA Citizen	(Signature) (Signature) (Signature) (Signature in Full)
2nd Witness:	(Type or Print) Ay D. BEATTH (Type or Print) William Lyle Wiley (Type or Print)	(Signature) (Signature) (Signature) (Signature in Full)
2nd Witness:	(Type or Print) AY D. BCATTLE (Type or Print) William Lyle Wiley (Type or Print) USA Citizen	(Signature) (Signature) (Signature) (Signature in Full)
2nd Witness: 2nd Witness: SOLE OR JOINT Inventor (3) Citizenship Post Office Addre	(Type or Print) William Lyle Wiley (Type or Print) USA Citizen ess: Olathe, Kansas	(Signature) (Signature) (Signature) (Signature in Full)
2nd Witness: 2nd Witness: SOLE OR JOINT Inventor (3) Citizenship Post Office Addre	(Type or Print) AY D. BCATTLE (Type or Print) William Lyle Wiley (Type or Print) USA Citizen	(Signature) (Signature) (Signature) (Signature in Full)
2nd Witness: 2nd Witness: SOLE OR JOINT Inventor (3) Citizenship Post Office Addre Residence: 814 N	(Type or Print) William Lyle Wiley (Type or Print) WSA Citizen ess: Olathe, Kansas N. Mesa St., Olathe, Kansas 66061	(Signature) (Signature) (Signature) (Signature in Full)
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SOLE OR JOINT Inventor (3) Citizenship Post Office Addre Residence: 814 N 1st Witness:	(Type or Print) William Lyle Wiley (Type or Print) USA Citizen ess: Olathe, Kansas N. Mesa St., Olathe, Kansas 66061 Tracy (Type or Print)	(Signature) (Signature) (Signature) (Signature in Full)
SOLE OR JOINT Inventor (3) Citizenship Post Office Addre Residence: 814 N 1st Witness:	(Type or Print) William Lyle Wiley (Type or Print) USA Citizen ess: Olathe, Kansas N. Mesa St., Olathe, Kansas 66061 Tracy (Type or Print)	(Signature) (Signature) (Signature) (Signature in Full)
SOLE OR JOINT Inventor (3) Citizenship Post Office Addre Residence: 814 N 1st Witness:	(Type or Print) William Lyle Wiley (Type or Print) WSA Citizen ess: Olathe, Kansas N. Mesa St., Olathe, Kansas 66061	(Signature) (Signature) (Signature) (Signature in Full)

PATENT

SOLE OR JOIN	IT .	
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	(Type or Print)	(Signature in Full)
Citizenship	USA Citizen	Date:
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Residence: 710	3 Mastin, Shawnee Mission, Kansas	66203
1st Witness:	(Type or Print)	Willie Landy. (Signature)
2nd Witness:	TAY B. BEATTY (Type or Print)	(Signature)
JOINT INVENT	TOR	
Inventor (5)	Joseph Michael Christie	
million (3)	(deceased)	(Co-Executor: Joseph S. Christie)
	,	(co anomon coseph of cimistic)
		(Co-Executor: Jean M. Christie)
Citizenship	USA citizen	Date:
-		
1st Witness		
	(Type or Print)	(Signature)
2nd Witness		
	(Type or Print)	(Signature)

RECORDED: 05/24/1999

PATENT REEL: 009971 FRAME: 0285