

08-18-2000

FORM PTO-1619A

Expires 06/30/99  
OMB 0651-0027



101436354

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

08/17/2000 16

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08/17/2000 DNGUYEN 00000281 210765 09537057

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**PATENT**  
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**Application Number(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).

**Patent Application Number(s)**

**Patent Number(s)**

<input type="text" value="09/537,057"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

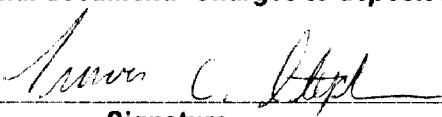
**Patent Cooperation Treaty (PCT)**  
Enter PCT application number **only if a U.S. Application Number has not been assigned.**  
PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$   
Method of Payment: Enclosed  Deposit Account   
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)  
Deposit Account Number: #   
Authorization to charge additional fees: Yes  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.*

Travis C. Stephenson  7/11/00  
Name of Person Signing Signature Date

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

I hereby declare that I an original, first and joint inventor of the invention relating to "CALL TONES IN COMMUNICATION NETWORKS" described in an application for Letters Patent of the United States of America filed on March 28, 2000, Application No. 09/537,057.

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. If I fail to perform those acts requested in the previous sentence, damages will be the amount of any honorarium that I received for this invention(s). This will not preclude Sprint or its successors, assigns and nominees from taking any action for securing, maintaining, or vesting title to Sprint, or its successors, assigns and 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

JOINT INVENTOR

Inventor: Shannon P. Silvis

Shannon P. Silvis  
(Signature)

Citizenship: United States

Date: 6/16/08

Residence: 7 Melissa Lane  
Penfield, NY 14526

1st Witness: Joseph A. Lach  
(Type or Print)

Joseph A. Lach  
(Signature)

2nd Witness: Michael Fuqua  
(Type or Print)

Michael Fuqua  
(Signature)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Qiu, Chaoxin Charles ; Silvus, Shannon P.; Kennedy, Richard N.; Gettles, Michael J.; and Douskalis, William

Application No.: 09/537,057

Group No.: 2749

Filed: 03/28/2000

Examiner: Unknown

For: CALL TONES IN COMMUNICATION NETWORKS

**Box Assignment**

**Assistant Commissioner for Patents**

**Washington, D.C. 20231**

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I hereby certify that the attached correspondence comprising:

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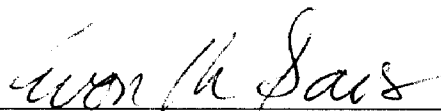
Box Assignment

Assistant Commissioner for Patents

Washington, D.C. 20231

on Jul. 11, 2000.

Evon M. Davis



Signature of person mailing paper

(Certificate of Mailing under 37 C.F.R. section 1.8(a)--page 1 of 1)