

08-09-2004

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Daniel Tillet,  
Karalyn M. Szuszczewicz, and  
Ojas T. Choksi

7-31-04

Execution Date(s) 7/30/2004, 7/30/2004, & 7/26/2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Nextel Communications, Inc.

Internal Address: \_\_\_\_\_

Street Address: 2001 Edmund Halley Drive

City: Reston

State: Virginia

Country: USA Zip: 20191

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10/903092

Additional numbers attached? ☐ Yes ☐ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: George L. Fountain

Internal Address: Crowell & Moring LLP

Intellectual Property Group

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**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 05-1323

Authorized User Name Crowell & Moring LLP

**9. Signature:**

George L. Fountain

Signature

July 30, 2004

Date

George L. Fountain, Reg. No. 36,374

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

08/06/2004 MGETACHE 00000167 10903092

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PATENT  
REEL: 015646 FRAME: 0205

Attorney Docket No.:100773.55170US

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**NEXTEL COMMUNICATIONS, INC.**  
**2001 Edmund Halley Drive**  
**Reston, VA 20191**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**SUBSCRIBER UNIT CAPABLE OF SWITCHING BETWEEN FULL-DUPLEX AND HALF-DUPLEX  
MODES DURING AN ON-GOING SESSION**

as set forth in his United States Patent Application (check one):

☒ executed concurrently herewith,  
☐ executed on \_\_\_\_\_,  
☐ Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

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Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

Each of the undersigned hereby grants the firm of **CROWELL & MORING L.L.P.**, or any partner thereof, the power to insert into this Assignment any further identification, which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**INVENTOR:**

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7/30/04  
(date)

(signature of 1st inventor)

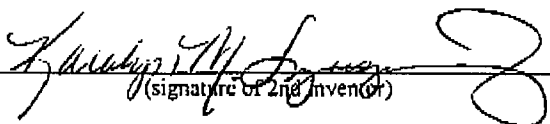
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Page 2 of 2

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(date)

  
(signature of 2nd inventor)

**INVENTOR:**

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Herndon, VA 20171

(date)

(signature of 3rd inventor)

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\_\_\_\_\_  
(date)

\_\_\_\_\_  
(signature of 2nd inventor)

**INVENTOR:**

Citizenship:

Post Office Address/Residence:

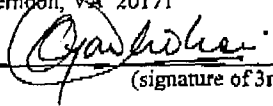
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(date)

  
(signature of 3rd inventor)

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