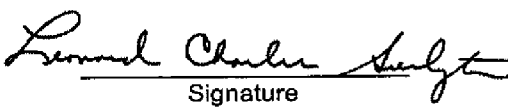


<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):  <p style="text-align: center;">GTE Laboratories Incorporated</p> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>VERIZON LABORATORIES INC.</u> Internal Address: _____ _____ Street Address: <u>40 Sylvan Road</u> _____ City: <u>Waltham</u> State: <u>MA</u> Zip: <u>02451</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>06/28/2000</u>		
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: _____ A. Patent Application No.(s) _____ _____ B. Patent No.(s) <u>4,914,701</u> <u>4,790,016</u> <u>5,235,671</u> _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Leonard C. Suchyta, Esq.</u> Internal Address: <u>c/o Christian R. Andersen</u> <u>Verizon Corporate Services Group Inc.</u> _____ Street Address: <u>600 Hidden Ridge Drive</u> Mailcode <u>HQE03H14</u> City: <u>Irving</u> State: <u>TX</u> Zip: <u>75038</u>	6. Total number of applications and patents involved: <input type="text" value="3"/> 7. Total fee (37 CFR 3.41).....\$ <u>120.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>07-2347</u>	
<b>DO NOT USE THIS SPACE</b>		
9. Signature.  <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Leonard C. Suchyta, Reg. 25,707</u>            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: right;"> <u>July 7, 2005</u>            Date         </div> </div> Total number of pages including cover sheet, attachments, and documents: <input type="text" value="3"/>		

CH \$120.00 072347 4914701

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

*State of Delaware*  
*Office of the Secretary of State*

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PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "GTE LABORATORIES INCORPORATED", CHANGING ITS NAME FROM "GTE LABORATORIES INCORPORATED" TO "VERIZON LABORATORIES INC.", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF JUNE, A.D. 2000, AT 1 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Handwritten signature of Edward J. Freel in cursive script.

Edward J. Freel, Secretary of State

AUTHENTICATION: PATENT  
REEL: 016489 FRAME: 0260

**CERTIFICATE OF AMENDMENT  
OF  
RESTATED CERTIFICATE OF INCORPORATION  
OF  
GTE LABORATORIES INCORPORATED**

GTE Laboratories Incorporated (the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, **HEREBY DOES CERTIFY:**

**FIRST:** That the Board of Directors of said Corporation, by unanimous consent effective June 23, 2000, adopted the following resolution advising that the Restated Certificate of Incorporation of said Corporation be amended:

**RESOLVED,** that the Restated Certificate of Incorporation of this Company be amended, as follows:

Paragraph **FIRST** is amended to read: "The name of the corporation is Verizon Laboratories Inc."

and that it be submitted to the stockholder for consideration.

**SECOND:** That in lieu of a meeting and vote of stockholder, the stockholder has given unanimous written consent to said amendment in accordance with the provisions of Section 228(a) of the General Corporation Law of the State of Delaware.

**THIRD:** That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Section 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, the Corporation has caused this certificate to be signed by John P.Z. Kent, its Vice President-Taxes and attested by Londa C. Perrett, its Assistant Secretary, this 28<sup>th</sup> day of June, 2000.

GTE LABORATORIES INCORPORATED

By: John P.Z. Kent  
John P.Z. Kent  
Vice President-Taxes

ATTEST:

Londa C. Perrett  
Londa C. Perrett  
Assistant Secretary  
RECORDED: 07/07/2005

**PATENT**  
REEL: 016489 FRAME: 0261