

12-30-1999



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Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Joseph S. Rosen and Susan E. McGill Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Teradyne, Inc. 321 Harrison Avenue Boston, MA 02118 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: November 23, 1999	
4. Application number(s) or patent number(s): 09/410,237 If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: RICHARD M. SHARKANSKY Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> John F. McCabe Reg. No. 42,854 Name of Person Signing Signature: <i>John McCabe</i> Date: <i>12/2/99</i>	
Total number of pages including coversheet, attachments and document: pages	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

December 2, 1999
Date of Deposit

Denise Bronsdon
Signature

Denise Bronsdon
Typed Name of Person Signing Certificate

PATENT
REEL: 010457 FRAME: 0220

ASSIGNMENT

For valuable consideration, we, Joseph S. Rosen of Chicago, IL 60645, and Susan E. McGill of Barrington, IL 60010, hereby assign to Teradyne, Inc., a Massachusetts corporation having a place of business at: 321 Harrison Avenue, Boston, MA 02118 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled DETECTING FAULTS IN SUBSCRIBER TELEPHONE LINES, filed September 30, 1999, and assigned U.S. Serial Number 09/410,237; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this 23 day of November of, 19 99
Joseph S. Rosen L.S.
Joseph S. Rosen

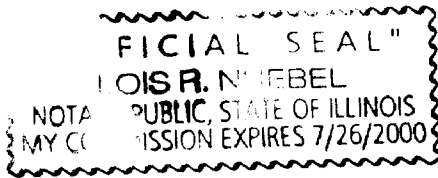
State of Illinois :

: ss.


County of Cook :

Before me this 23 day of November, 19 99, personally
appeared JOSEPH S. ROSEN known to me to be the person whose name is subscribed to the

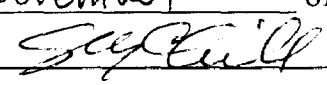
foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



[Notary's Seal Here]

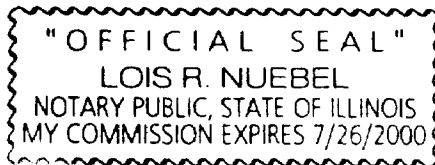


Notary Public
My Commission Expires: 7/26/2000

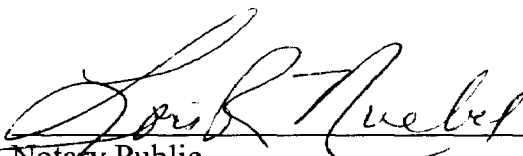
IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this 23 day November of, 1999
_____
Susan E. McGill L.S.

State of Illinois :
: ss.
County of Cook :

Before me this 23 day of November, 1999, personally appeared SUSAN E. MCGILL known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



[Notary's Seal Here]



Notary Public
My Commission Expires: 7/26/2000

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