FORM PTO-1618A Expires 06/30/99 OMB 0651-0027 11-19-1999



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

Dkt. I.D.#101032715

# RECORDATION FORM COVER SHEET TRADEMARKS ONLY

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X New	Assignment License		
Resubmission (Non-Recordation) Document ID #  Correction of PTO Error Reel # Frame #  Corrective Document Reel # Frame #	Security Agreement Nunc Pro Tunc Assignment  Effective Date Month Day Year  Change of Name  Other		
Conveying Party Ma	rk if additional names of conveying parties attached Execution Date		
Name BELL COMMUNICATIONS RESEARCH, I	NC. Month Day Year		
Name BELL COMMUNICATIONS RESEARCH, 1	3-16-99		
Formerly			
Individual General Partnership Liz	mited Partnership Corporation Association		
Other			
X Citizenship/State of Incorporation/Organization	Delaware		
Receiving Party	ark if additional names of receiving parties attached		
Name TELCORDIA TECHNOLOGIES,	Name TELCORDIA TECHNOLOGIES, INC.		
DBA/AKA/TA			
Composed of			
Address (line 1) 445 South Street			
Address (line 2) Room 1A-138R			
Address (line 3) Morristown.	New Jersey/U.S.A. 07960		
City	State/Country Zip Code		
Individual General Partnership Li	assignment and the receiving party is		
Corporation Association not domiciled in the United States, an appointment of a domestic			
Other (Designation must be a separate			
	document from Assignment.)		
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Name [			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Correspond	ent Name and Address Area Code and	Telephone Number	
Name [	David A. Hey		
Address (line 1)	Telcordia Technologies, Inc.		
Address (line 2)	445 south Street		
Address (line 3)	MCC 1J-112R		
Address (line 4)	Morristown, New Jersey 0796		
Pages Enter the total number of pages of the attached conveyance document including any attachments.			
Trademark A	pplication Number(s) or Registrati	on Number(s)	Mark if additional numbers attached
	Trademark Application Number or the Registration N		<b>_</b>
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Number of Properties Enter the total number of properties involved. # 1			# 1
Fee Amount	Fee Amount for Properties	Listed (37 CFR 3.41):	\$ 40.00
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(Enter for pa	ayment by deposit account or if additional fees can b Deposit Accoun	e charged to the account.) t Number:	# 02-1820
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		charge additional fees:	Yes A 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			
indic	ated herein.	$\eta$	/ -
	La Company of the Com	n H H	7/28/99
_ David A.	of Person Signing	Signature	Date Signed

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RECORDATION FORM COVER SHEET
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	ADEMARKS ONLY  narks: Please record the attached original document(s) or copy(ies).
Submission Type	Conveyance Type
X New	Assignment License
Resubmission (Non-Recordation)  Document ID #	Security Agreement Nunc Pro Tunc Assignment  Effective Date
Correction of PTO Error Reel # Frame #	Merger Month Day Year
Corrective Document	Change of Name
Reel # Frame # Conveying Party	Other
Name Telcordia Technologies,	Inc.  Mark if additional names of conveying parties attached  Execution Date  Month Day Year  3-16-99
Formerly Bell Communications Resea	rch, Inc.
Individual General Partnership	Limited Partnership X Corporation Association
Other	
X Citizenship/State of Incorporation/Org	anization DELAWARE
Receiving Party  Name	Mark if additional names of receiving parties attached
DBA/AKA/TA	
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Citizenship/State of Incorporation/Org	anization
10/1999 JSHABAZZ 00000027 021820 75514411 C:481 40.00 CH	FOR OFFICE USE ONLY

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Domestic Representative Name and Address  Enter for the first Receiving Party only.			
Name			
Address (line 1)			
Address (line 2)			
·			
Address (line 3)			
Address (line 4)			
Correspond	ent Name and Address Area Code and Telepho	ne Number	
Name	DAVID A. HEY		
Address (line 1)	TELCORDIA TECHNOLOGIES, INC.		
Address (line 2)	445 SOUTH STREET		
Address (line 3)	MCC 1J-112R		
Address (line 4)	MORRISTOWN, NEW JERSEY 07960		
Pages	Enter the total number of pages of the attached cincluding any attachments.	conveyance document # 5	
Trademark A	Application Number(s) or Registration Nu	mber(s) Mark if additional numbers attached	
Enter either the	Trademark Application Number or the Registration Number (DC	NOT ENTER BOTH numbers for the same property).	
<b>Trad</b> 75514411	emark Application Number(s)	Registration Number(s)	
73311111			
Number of F	Properties Enter the total number of properties	s involved. #	
Fee Amoun	Fee Amount for Properties Listed (	37 CFR 3.41): \$ 40.00	
	Payment: Enclosed Deposit	Account X	
	Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 02-1820		
	Authorization to charge a	dditional 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.			
DAVID A.	HEY Om F	4/30/89	
Name o	of Person Signing Signatur	Pata Signed	

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**TRADEMARK** 

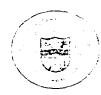
## Office of the Secretary of State

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 RESTATED CERTIFICATE OF "BELL COMMUNICATIONS
RESEARCH, INC.", CHANGING ITS NAME FROM "BELL COMMUNICATIONS
RESEARCH, INC." TO "TELCORDIA TECHNOLOGIES, INC.", FILED IN THIS
OFFICE ON THE SEVENTEENTH DAY OF MARCH, A.D. 1999, AT 11:40
O'CLOCK A.M.

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

2019582 8100

991103568



Edward J. Freel, Secretary of State 9633285

AUTHENTICATION:

03-17-99

DATE:

#### RESTATED CERTIFICATE OF INCORPORATION

OF

#### BELL COMMUNICATIONS RESEARCH, INC.

#### UNDER SECTIONS 242 AND 245 OF THE

#### DELAWARE GENERAL CORPORATION LAW

\*\*\*\*\*\*\*\*\*\*

BELL COMMUNICATIONS RESEARCH, INC., a Corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

#### DOES HEREBY CERTIFY:

FIRST: that the name of the Corporation is Bell Communications Research, Inc. The name under which the Corporation was initially incorporated is Central Services Organization, Inc.

SECOND: that the original Certificate of Incorporation was filed with the Secretary of State, Dover, Delaware, on the 20th day of October, 1983.

THIRD: that this Restated Certificate of Incorporation restates and integrates and further amends the Certificate of Incorporation of this Corporation as follows: (1) to change the name of the Corporation to "Telcordia Technologies, Inc."

FOURTH: the text of the Certificate of Incorporation of said Bell Communications Research, Inc., as amended heretofore, is hereby restated as further amended by this certificate, to read in full, as follows:

#### RESTATED CERTIFICATE OF INCORPORATION

OF

#### TELCORDIA TECHNOLOGIES, INC.

- 1. The name of the Corporation is Telcordia Technologies, Inc.
- 2. The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent is The Corporation Trust Company.
- 3. The nature of the business or purposes to be conducted or promoted is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

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- 4. The number of shares of stock which the Corporation shall have authority to issue is One Thousand (1,000) and the par value of each share is One Cent (\$.01) amounting in the aggregate to Ten Dollars (\$10.00).
- 5. The Board of Directors is authorized to make, alter, or repeal the bylaws of the Corporation. Election of Directors need not be by written ballot.
- 6. The Corporation reserves the right to amend, alter, change, or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.
- 7. A Director of the Corporation shall not be personally liable to the Corporation or its stockholders for money damages for breach of fiduciary duty as a Director except for liability: (i) for any breach of the Director's duty of loyalty to the Corporation or its stockholders; (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law; (iii) under Section 174 of the Delaware General Corporation Law; or (iv) for any transaction from which the Director derived any improper personal benefit. No amendment or repeal of this Article FOURTH shall apply to or have any effect on the liability or alleged liability of any Director of the Corporation for or with respect to any acts or omissions of such Director occurring prior to such amendment or appeal.

FIFTH: that this Restated Certificate of Incorporation was duly adopted in accordance with the provisions of Sections 242 and 245 of the General Corporation Law of the State of Delaware by the Directors and the Sole Stockholder of the Corporation, the Sole Stockholder having approved the Restated Certificate of Incorporation by written consent in accordance with Section 228 thereof.

IN WITNESS WHEREOF, said BELL COMMUNICATIONS RESEARCH, INC. has caused its corporate seal to be hereunto affixed and this Certificate to be signed by Richard C. Smith, Jr., its Chief Executive Officer, and attested by John C. Braun, Jr., its Assistant Secretary, this 16<sup>th</sup> day of March, 1999.

Chief Executive Officer

A ssistant Secretary

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Page 2 of 2

### State of Delaware

## Office of the Secretary of State

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 RESTATED CERTIFICATE OF "BELL COMMUNICATIONS
RESEARCH, INC.", CHANGING ITS NAME FROM "BELL COMMUNICATIONS
RESEARCH, INC." TO "TELCORDIA TECHNOLOGIES, INC.", FILED IN THIS
OFFICE ON THE SEVENTEENTH DAY OF MARCH, A.D. 1999, AT 11:40
O'CLOCK A.M.

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

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Edward J. Freel, Secretary of State

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**AUTHENTICATION:** 

03-17-99

DATE:

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 11:40 AM 03/17/1999 991103568 - 2019582

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OF

#### BELL COMMUNICATIONS RESEARCH, INC.

#### **UNDER SECTIONS 242 AND 245 OF THE**

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**OF** 

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- 3. The nature of the business or purposes to be conducted or promoted is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

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- 5. The Board of Directors is authorized to make, alter, or repeal the bylaws of the Corporation. Election of Directors need not be by written ballot.
- 6. The Corporation reserves the right to amend, alter, change, or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.
- 7. A Director of the Corporation shall not be personally liable to the Corporation or its stockholders for money damages for breach of fiduciary duty as a Director except for liability: (i) for any breach of the Director's duty of loyalty to the Corporation or its stockholders; (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law; (iii) under Section 174 of the Delaware General Corporation Law; or (iv) for any transaction from which the Director derived any improper personal benefit. No amendment or repeal of this Article FOURTH shall apply to or have any effect on the liability or alleged liability of any Director of the Corporation for or with respect to any acts or omissions of such Director occurring prior to such amendment or appeal.

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IN WITNESS WHEREOF, said BELL COMMUNICATIONS RESEARCH, INC. has caused its corporate seal to be hereunto affixed and this Certificate to be signed by Richard C. Smith, Jr., its Chief Executive Officer, and attested by John C. Braun, Jr., its Assistant Secretary, this 16<sup>th</sup> day of March, 1999.

Chief Executive Officer

Assistant Secretary

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RECORDED: 05/03/1999

Page 2 of 2