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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	OCT 2 6 1999	11-02-1999	Commerce Irk Office
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10. RECOR	RDATION FORM COV		
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conveying Party(ies)	Mark if additiona	al names of conveying parties attach	ed Execution Date
Name (line 1) Banwell, Thomas C.		M	onth Day Yea 10/19/1999
Name (line 2)	,		
econd Party			Execution Date onth Day Yea 10/14/1999
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Name (line 2)			
leceiving Party	M	lark if additional names of receiving	parties attached
Name (line 1) Telcordia Technologies, Inc.		is a	ocument to be recorde in assignment and the eiving party is not
Name (line 2) A Corporation of Delaware		dor Sta of a	niciled in the United tes, an appointment domestic
ddress (line 1) 445 South Street		(De	resentative is attached signation must be a parate document from
ddress (line 2)			signment.)
ddress (line 3) Morristown	New Jersey	07960	
City	State/Country	Zip Code	
omestic Representative Name and	J Address Enter	for the first Receiving Party only.	
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	973-829-2370
Name Orville Cockings, Esq.		
Address (line 1) Telcordia Technologies, Inc.		
Address (line 2) 445 South Street, Room 1G-112R		
Address (line 3) Morristown, New Jersey 07960		
Address (line 4)		
Pages Enter the total number of pa including any attachments	ages of the attached conveyance docume	#2
Application Number(s) or Patent Nu	mber(s) Mark if ad	Iditional numbers attached
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Patent Application Number(s)		Number(s)
If this document is being filed together with a new Pate signed by the first named executing inventor.	ent Application, enter the date the patent application v	Was Month Day Year
Patent Cooperation Treaty (PCT)	•••	
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only if a U.S. Application Numbe has not been assigned.	РСТ РСТ	РСТ
Number of Properties Enter the tota	Il number of properties involved. [#] [1
Fee Amount Fee Amoun	nt for Properties Listed (37 CFR 3.41): \$	40.00
Method of Payment: Encl	osed 📄 Deposit Account ✔	
Deposit Account (Enter for payment by deposit account or if ad	Iditional fees can be charged to the account)	
	Deposit Account Number: #	02-1820
	Authorization to charge additional fees:	Yes 🖌 No
Statement and Signature		
To the best of my knowledge and b attached copy is a true copy of the	belief, the foregoing information is true ar original document. Charges to deposit a	nd correct and any
indicated herein.		iccount are authorized, as
Orville Cockings		1 hales
Name of Person Signing	Signature	<i>[0] 22/ 99</i> Date
		1

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027	DCT 2 6 1999	CONTI	ORM COVER SHI NUATION TS ONLY	U.S. D	epartment of Commerce and Trademark Office PATENT
Conveying Party(Mar	k if additional names of	conveying parties a	
Enter additional Conve					Execution Date Month Day Year
Name (line 1) Mistry,	Keku M.				10/14/1999
Name (line 2)					Execution Date Month Day Year
Name (line 1) Robe, 7	Thomas J.				10/14/1999
Name (line 2)					Execution Date Month Day Year
Name (line 1)					
Name (line 2)]
Receiving Party			Mark if additi	onal names of rece	iving parties attached
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)	· · · · · · · · · · · · · · · · · · ·				receiving party is not domiciled in the United States, an appointment of a domestic
Address (line 1)	· ·				representative is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	Zip Code	
Name (line 1)					If document to be recorded Is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	Zip Code	
Application Num	ber(s) or Patent N	umber(c)			numbers attached
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	pplication Number(s)		l	Patent Numbe	
	L L			L,	

ASSIGNMENT OF APPLICATION

WHEREAS, I/we, Thomas C. Banwell, Ariel Dori, Keku M. Mistry, and Thomas J. Robe have invented certain useful improvements in "Method, Apparatus, and System for Filtering Incoming Telephone Calls" described in an application for Letters Patent; and

WHEREAS, I/we, hereby authorize and request my/our attorney to insert below the filing date and application number when they become known to comply with 37 CFR 3.21 for recordal of this assignment: U. S. Application No. 09/392,403 filed on September 9, 1999; and

WHEREAS, Telcordia Technologies, Inc., a corporation of the State of Delaware, having a place of business at 445 South Street, Morristown, NJ 07960, United States of America, for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as "Assignee", is desirous of acquiring all rights, title, and interest in and to said application, all inventions disclosed therein, and any and all Letters Patent of the United States of America, and of all other countries, which may be granted for said inventions, or any of them; and

WHEREAS, I/we hereby represent and warrant to Assignee that I/we have, with respect to third parties, full and unencumbered rights, title, and interest in and to said application, inventions, and Letters Patent, and further that I/we may freely assign the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/we do hereby sell, assign, and transfer to Assignee all my/our rights, title, and interest in and to said application, including all priority rights arising therefrom, all inventions disclosed therein, and all divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and of all other countries, and all reissues thereof, which may be granted for said inventions, or any of them, together with the right to make application for any and all of the same;

TO HAVE, HOLD, AND ENJOY said inventions, said application and rights, and said Letters Patent, or any of them, to its own use and behoof to the full end of the term or terms for which said applications may endure and for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment not been made;

AND I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks to issue or reissue such Letters Patent as may be granted on said application, on any division or continuation thereof, or for said inventions, or any of them, to Assignee in accordance with the terms of this instrument;

AND I/WE HEREBY agree that I/we shall, at the request of Assignee and without demand of further consideration, but at no expense to me/us, do all lawful and just acts, including execution and acknowledgment of instruments, furnishing information, and giving testimony, particularly in the event of interference or litigation, indicated by counsel for Assignee to be necessary for obtaining, maintaining, and perfecting the property rights, or any of them, hereby assigned.

IN WITNESS WHEREOF, I/we hereunto set my/our hand and seal on the day and year indicated.

source de

Date: ___(ういて うう)

Thomas C. Banwell

County of the second D) State of New Terry () ss:

Then personally appeared before me on the indicated date(s) the above-named Thomas C. Banwell, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

Date

NOTARY PUBLIC

KAREN & REILO NOTARY PUBLIC OF NEW JERSE My Commission Paperes Aco. 6, 2000

N	ND)	A	
Ariel Dori			

Date:) ()) ()	<u>े</u> म	१२०	
Date		1	<u>↓</u>	

County of 1 + 2(1-2)State of 1 + (1-2) + (2-2) ss:

Then personally appeared before me on the indicated date(s) the above-named Ariel Dori, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

Date

Haren RY PUBLIC +

KAREN ... REILLS NOTARY PUBLIC OF NEW JERSE My Commission Expires Aug. 6, 200:

Date: (0, + 14 + 1999)

Keku M. Mistry

County of $\frac{1}{10} \approx \frac{1}{10} \approx \frac{1}{10} = \frac{1}{10}$ State of $\frac{1}{10} \approx \frac{1}{10} \approx \frac{1}{10} \approx \frac{1}{10}$ ss:

Then personally appeared before me on the indicated date(s) the above-named Keku M. Mistry, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

Date

NOTARY PUBLIC

My Commission Ext. Les. Aug. 6. 2004

Thomas J. Jobe

Date: <u>Cut 14, 999</u>

Thomas J. Robe

County of (M, 0, 2, 2, 3, 3)State of (M, 0, 2, 3, 3, 3) ss:

Then personally appeared before me on the indicated date(s) the above-named Thomas J. Robe, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

Date

RECORDED: 10/26/1999

Jaren XI

KAREN ... REILLI NOTARY PUBLIC OF NEW JERS My Commission Fraires PATER

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