06-04-1999

DO NOT I	ICE	EOD	TDA	ADIZO

ACOLONIVIENTO					
Ę,	PATEN				



PATEN IMISSIONER (101056		DNLY		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
E ATTACHED	ORIGINAL DOCUM	ENTS OR COPY	THEREOF	•	- t-0
-AITT(ILS) (A	NOOIGNOR(O)).				M _C
					80=
CONVEYING F	PARTY(IES) ATTAC	HED? TYES		XNO	
		N			
n Avenue, P.O				Х	√no
JCE (DOCUME	NT)·				<u> </u>
		le copies of same	Assignmen	t signed by diffe	erent inventors i
X	E PARTI	NTEREST EXE	C. DATE: I	May 19, 1999	
E VERIFI	ED TRANSLATION				
MERGER	OTHER:	•			
	BATION IS SUED I			- 41	
	RATION <u>IF</u> FILED F	IEREWITH: (<u>NOT</u>	E: IF DATE	S T↓ DIFFER	
					_
10.(S). OTHE	RS ON ADDITIONA	L SHEET(S) attac	ched?	YES	∐ио
		B. PATENT	M#		1 ST
	if not in item 1	NO(S)			INVENTOR
		09/3/4	940		If not in item
680714066	ALI				
to Whom Corre	espondence				
ould be Mailed:		APPLNS 1	_ + PATS:_	_ = TOTAL <u>1</u>	
					de 581)
		ABOVE 1017	1L / \$4U ,	p 40	
1011173				FACCOUNT NUM	1
	CLIENT REF.			IENT/MATTER	17-3
ATURE To th	e hest of my knowle	edge and belief th			rue and correct
ue copy of the	original document.	rago ana bonon, an	o lologoillg	intermation is t	rae and correct
2 -					
relo				this cover	4
					1
	#(ao not	me ann Caversh	eet)		1 11
	 `	ilic dup. Gover sir	•		
		me dup. Gover on			
	`	Date: May	20. 1999		
	E ATTACHED PARTY(IES) (A CONVEYING F (S)) RECEIVIN IS Inc. In Avenue, P.O. DDRESS(ES) A NCE (DOCUME document for r X WHOLI E VERIFI MERGER N THE DECLA 19 NO.(S). OTHE 19 NO.(S). OTHE 19 NO.(S). OTHE 20 21 22 23 24 24 25 26 26 26 27 21 21 21 21 21 21 22 24 25 26 26 27 21 21 21 21 21 21 21 21 21 21 21 21 21	E ATTACHED ORIGINAL DOCUMPARTY(IES) (ASSIGNOR(S)): CONVEYING PARTY(IES) ATTAC (S)) RECEIVING INTEREST: Inc. In Avenue, P.O. Box 636, Murray Hodress(ES) ATTACHED? NCE (DOCUMENT): document for recordation multip X WHOLE PART II E VERIFIED TRANSLATION MERGER OTHER: N THE DECLARATION IF FILED Hold NO.(S). OTHERS ON ADDITIONAL IST INVENTOR If not in item 1 ALI 17-3 CLIENT REF. ATURE. To the best of my knowledue copy of the original document. IO. Tot sheet, a	CONVEYING PARTY(IES) ATTACHED? YES (S)) RECEIVING INTEREST: S Inc. In Avenue, P.O. Box 636, Murray Hill, New Jersey 0 DDRESS(ES) ATTACHED? YES NCE (DOCUMENT): document for recordation multiple copies of same X WHOLE PART INTEREST EXE E VERIFIED TRANSLATION MERGER OTHER: N THE DECLARATION IF FILED HEREWITH: (NOT 19) NO.(S). OTHERS ON ADDITIONAL SHEET(S) attact 1ST INVENTOR B. PATEINT NO(S) 1ST INVENTOR IT ABOVE TOTAL ABOVE TOTAL ATURE. To the best of my knowledge and belief, the ue copy of the original document. 10. Total number of page sheet, attachments and design and belief, the ue copy of the original document.	MISSIONER OF PATENTS AND TRADEMARKS: E ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF PARTY(IES) (ASSIGNOR(S)): CONVEYING PARTY(IES) ATTACHED? (S)) RECEIVING INTEREST: S Inc. In Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636 DDRESS(ES) ATTACHED? VES VEC (DOCUMENT): document for recordation multiple copies of same Assignment X WHOLE PART INTEREST EXEC. DATE: I E VERIFIED TRANSLATION MERGER OTHER: N THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATE: 19) NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? 1ST INVENTOR If not in item 1 NO(S) OT / 3. (17 C C) APPLNS 1 + PATS: 7. AMOUNT OF FEE EN ABOVE TOTAL X \$40 =: 7. ALI 17-3 CLIENT REF. ATURE. To the best of my knowledge and belief, the foregoing ue copy of the original document.	IMISSIONER OF PATENTS AND TRADEMARKS: E ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF. PARTY(IES) (ASSIGNOR(S)): CONVEYING PARTY(IES) ATTACHED? YES X NO (S)) RECEIVING INTEREST: Inc. In Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636 DDRESS(ES) ATTACHED? YES X NCE (DOCUMENT): document for recordation multiple copies of same Assignment signed by diffe X WHOLE PART INTEREST EXEC. DATE: May 19, 1999 E VERIFIED TRANSLATION MERGER OTHER: N THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ↑↓ DIFFER 19 NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES 15T INVENTOR If not in item 1 NO(S) OF /3! ⟨ 9 € € ADURED STATE OF THE ENCLOSED: (Contact of the composition of t

FILE WITH PTO RETURN RECEIPT

ALI 17-3 (868)

ASSIGNMENT AND AGREEMENT

For value received, we, Syed S. ALI, of Allentown, in the County of Lehigh and State of Pennsylvania, and Said O. BELHAJ, of Coplay, in the county of Lehigh and State of Pennsylvania hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to SEPARATELY SECURED VOICE MESSAGES described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they may designate.

PATENT

REEL: 009990 FRAME: 0269

2

ALI 17-3 (868)

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

I The The

United States of America

State of Venna

į į

) ss.:

City of A leaton

On this ____day of___ personally came Syed S. ALI, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

NOTARIAL SEAL LORI K. REISS, Notary Public

PATENT

REEL: 009990 FRAME: 0270

3

ALI 17-3 (868)

Said O. BELHAJ

Date: 5-19-44

United States of America

State of Yenn 2

) ss.:

)

)

County of

Notary Public

NOTARIAL SEAL LORI K. REISS, Notary Public Allensown, Lenigh County, PA My Commission Ession Oct. 29, 2001

Lucent Technologies Inc. 600 Mountain Avenue (Room 3C-512) P. O. Box 636 Murray Hill, New Jersey 07974-0636

> PATENT REEL: 009990 FRAME: 0271

			RM COVER SHEET IS & PATENTS ONL	Y	
TO THE HONORABLE	COMMISSIONER	OF PATENTS AND	TRADEMARKS:		2.0
SIR: PLEASE RECORE	THE ATTACHED	ORIGINAL DOCU	MENTS OR COPY THEF	REOF	E. 25 = 2
1. NAME OF CONVEY			WELLING OIL GOLL THIEL	COT.	500
	, , ,	. , ,			
1. Syed S. ALI 2. Said O. BELHAJ ADDITIONAL NAME(S)	OF CONVEYING	PARTY(IES) ATTA	CHED? YES	XNO	3.00 m
2. PARTY(IES) (ASSIG	NEE(S)) RECEIVI	NG INTEREST:			
ADDITIONAL NAME(S)	untain Avenue, P.0 & ADDRESS(ES)	ATTACHED?	Hill, New Jersey 07974-]NO
3. NATURE OF CONVI			ple copies of same Assig	anment signed by differ	rant invantore is
(Submit nerewith <u>only</u> one_document)	one document for	recordation multi	hie cohies of same Assig	griment signed by differ	rent inventors is
X ASSIGNMENT	rof X whol	LE PART	INTEREST EXEC. DA	TE: May 19, 1999	
<u> </u>				, ,	
	r				
CHANGE OF	NAMEVERIF	FIED TRANSLATIO	N		
SECURITY	MERGER	OTHER:			
4 EXECUTION DATE(S) ON THE DECLA	ARATION IF FILED	HEREWITH: (NOTE: IF	DATES ↑↓ DIFFER	
4. EXECUTION DATE(SEE ATTY!): May 19	•	ARATION <u>IF</u> FILED	HEREWITH: (NOTE: IF	DATES ↑↓ DIFFER	
SEE ATTY!): May 19	, 1999	A Complete Control	HEREWITH: (NOTE : IF AL SHEET(S) attached?		[] NO
SEE ATTY!): May 19	, 1999	A Complete Control	AL SHEET(S) attached?		INVENTOR
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S)), 1999 PAT NO.(S). OTHE	ERS ON ADDITION	AL SHEET(S) attached?	YES	i ST
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S)), 1999 PAT NO.(S). OTHE	ERS ON ADDITION	AL SHEET(S) attached?	YES	INVENTOR
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I	73-868 Party to Whom Cor	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO	YES W#	INVENTOR
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer	PAT NO.(S). OTHE M# 73-868 Party to Whom Cornt Should be Mailed	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P	YES DLVED: PATS:_ = TOTAL _1	INVENTOR if not in Item
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI,	PAT NO.(S). OTHE M# 73-868 Party to Whom Cornt Should be Mailed P.L.L.C.	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F	YES OLVED: PATS:_ = TOTAL _1 EE ENCLOSED: (Code	INVENTOR if not in Item
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7th	PAT NO.(S). OTHE M# 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P	YES OLVED: PATS:_ = TOTAL _1 EE ENCLOSED: (Code	INVENTOR if not in Item
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036	PAT NO.(S). OTHE M# 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S	YES W# PLVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$40	ist inventor if not in item
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7th	PAT NO.(S). OTHE M# 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M	YES OLVED: PATS:_ = TOTAL _1 EE ENCLOSED: (Code	inventor if not in item 1 e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036	PAT NO.(S). OTHE M# 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M	YES N# OLVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$40 MISSING OR INADEQUATE EPOSIT ACCOUNT NUMBER	inventor if not in item 1 e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT:	PAT NO.(S). OTHE M#: 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor 6-3307	ERS ON ADDITION 1ST INVENTOR if not in item 1 ALI prespondence	AL SHEET(S) attached? B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D	YES N# OLVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$40 MISSING OR INADEQUATE EPOSIT ACCOUNT NUMBER	inventor if not in item i e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT: 73-868 MATTER NO. 9. STATEMENT AND S	PAT NO.(S). OTHE T3-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor i-3307 ALI 17-3 BIGNATURE. To to	IST INVENTOR if not in item 1 ALI rrespondence d: CLIENT REF.	B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D UNDER ORDER NO: dup. sheet not required	YES DEVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$40 MISSING OR INADEQUATE EPOSIT ACCOUNT NUMBE ALL CLIENT/MATTER	e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT: 73-868 MATTER NO.	PAT NO.(S). OTHE T3-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor i-3307 ALI 17-3 BIGNATURE. To to	IST INVENTOR if not in item 1 ALI rrespondence d: CLIENT REF.	B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D UNDER ORDER NO: dup. sheet not required	YES DEVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$40 MISSING OR INADEQUATE EPOSIT ACCOUNT NUMBE ALL CLIENT/MATTER	e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT: 73-868 MATTER NO. 9. STATEMENT AND S and any attached copy Signature:	PAT NO.(S). OTHE 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor 6-3307 ALI 17-3 BIGNATURE. To the size of the copy of the c	ALI rrespondence d: CLIENT REF. the best of my know e original document	B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D UNDER ORDER NO: dup. sheet not required riedge and belief, the fore	YES W# DLVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$ 40 MISSING OR INADEQUATE PEPOSIT ACCOUNT NUMB ALI CLIENT/MATTER Egoing information is tri Luding this cover	e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT: 73-868 MATTER NO. 9. STATEMENT AND S and any attached copy Signature:	PAT NO.(S). OTHE PAT NO.(S). OTHE 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor 6-3307 ALI 17-3 BIGNATURE. To the structure of the structure of the structure of the structure.	IST INVENTOR if not in item 1 ALI rrespondence d: CLIENT REF. the best of my know e original document	B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D UNDER ORDER NO: dup. sheet not required	YES W# DLVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$ 40 MISSING OR INADEQUATE PEPOSIT ACCOUNT NUMB ALI CLIENT/MATTER Egoing information is tri Luding this cover	e 581)e CHARGE ER: 12-2325 17-3
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT: 73-868 MATTER NO. 9. STATEMENT AND S and any attached copy Signature: Attorney: William H. Bol Reg. No. 36,457	PAT NO.(S). OTHE PAT NO.(S). OTHE 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor 6-3307 ALI 17-3 BIGNATURE. To the structure of the structure of the structure of the structure.	IST INVENTOR if not in item 1 ALI rrespondence d: CLIENT REF. the best of my know e original document	B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D UNDER ORDER NO: dup. sheet not required redge and belief, the fore attachments and docum	YES W# DLVED: PATS: _ = TOTAL _1 EE ENCLOSED: (Code \$40 = \$ 40 MISSING OR INADEQUATE PEPOSIT ACCOUNT NUMB ALI CLIENT/MATTER Egoing information is tri Luding this cover	e 581)
SEE ATTY!): May 19 4.5 APPL. NO.(S) OR F A. PAT. APP. NO.(S) series code/serial no (unknown) 5. Name & Address of I Concerning Documer FARKAS & MANELLI, 2000 M Street, N.W. 7 th Washington, DC 20036 5.5 ATTY DKT: 73-868 MATTER NO. 9. STATEMENT AND S and any attached copy Signature: Attorney: William H. Bol	PAT NO.(S). OTHE PAT NO.(S). OTHE 73-868 Party to Whom Cornt Should be Mailed P.L.L.C. Floor 6-3307 ALI 17-3 BIGNATURE. To the structure of the structure of the structure of the structure.	ALI rrespondence d: CLIENT REF. the best of my know e original document 10. To sheet, (do not)	B. PATENT NO(S) 6. NUMBER INVO APPLNS 1 + P 7. AMOUNT OF F ABOVE TOTAL X S 8. IF ABOVE FEE IS M INSUFFICIENCY TO D UNDER ORDER NO: dup. sheet not required riedge and belief, the fore attachments and docum of file dup. Cover sheet) Date: May 20, 7	YES M# PLVED: PATS: = TOTAL 1 EE ENCLOSED: (Code \$40 = \$40 MISSING OR INADEQUATE REPOSIT ACCOUNT NUMB ALI CLIENT/MATTER Regoing information is true Regulating this covernent	e 581)

FILE WITH PTO RETURN RECEIPT

PATENT REEL: 009990 FRAME: 0272