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To the Honorable Commissioner of Paten 1. Name of conveying party(es): ARCH COMMUNICATIONS ENTERPRISES LLC Individual(s) Capacitation Capacitation Capacitation Company Company	ОМВ	No. 0651-0011 (exp. 4/94)		100(0) 1104 ADIDI (10) 4050					
1. Name of conveying party(ies): ARCH COMMUNICATIONS ENTERPRISES LLC Individual(s)	Τ.	ab settings ⇒ ⇔ ⇒ ▼					<u> </u>		
1. Name of conveying party(ies): ARCH COMMUNICATIONS ENTERPRISES LLC Internal Address of receiving party(ies) Name: BRYAN CAVE LLP Internal Address One Replication State Of the Line Additional name(s) of conveyance: Internal Address One Replication (Company — Additional name(s) of conveyance: Individual(s) Association 3. Nature of conveyance: Individual(s) Capture of Company — Additional name(s) of conveyance: Individual(s) Capture of Company — Individual(s) childrenship Capture AMENDED AND RESTATED GRANT OF SECURITY INTEREST (TRADEMARKS) Execution Date: April 2, 1999 4. Application number(s) or patent number(s): A. Trademark Application No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BRYAN CAVE LLP Internal Address. MS. SHARON ELWIN LEGAL ASSISTANT BRYAN CAVE LLP Internal Address. MS. SHARON ELWIN LEGAL ASSISTANT Street Address: 245 PARK AVENUE 8. Deposit account number: (Internal Address) Additional number: (Internal Address) Authorized to be charged to deposit account) Additional number: (Internal Address) Authorized to be charged to deposit account) Authorized on be entarged to paying by deposit account) Authorized on the page it peying by deposit account) (Internal Address) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account) Authorized on the page it peying by deposit account)		To the Honorable Commission	oner of Paten	10101	17724	ed origin	al documents or co	py thereof.	
Internal Address: One Half Street General Partnership	1.	Name of conveying party(ies)):	1010					
Individual(s)	AF	RCH COMMUNICATIONS	ENTERPRIS	SES LLC	Name: THE	BANK	OF NEW YORI	Κ	
A. Trademark Application No.(s) B. Trademark Registration No.(s) 1,319,889; 1,651,718; 1,798,900; 1,834,200; 1,858,892; 1,868,614 Additional numbers attached? □ Yes Tr No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BRYAN CAVE LLP Internal Address: MS. SHARON ELWIN LEGAL ASSISTANT LEGAL ASSISTANT Senciosed Authorized to be charged to deposit account Street Address: 245 PARK AVENUE 8. Deposit account number: City: NEW YORK State: NY ZIP: 10167- 6/21/1999 DiRDITEN 00000297 1319889 ON NOT USE THIS SPACE 9. 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. LORI POTTS Name of Person Signing Signature 5. Date	3.	General Partnership Corporation-State OtherLimited_Liab: ditional name(s) of conveying party(in) Nature of conveyance: Assignment Security Agreement Security Agreement SECURITY IN	Street Address: One Wall Street City: New York State: NY ZIP: 10286 Individual(s) citizenship Association General Partnership Limited Partnership Corporation-State New York Other If assignee is not domiciled in the United States, a domestic representative designation is attached: (Designations must be a separate document from assignment)						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: BRYAN CAVE LLP	4.		delitional numbers at	1,319,889; 1,651,718; 1,798,900; 1,834,200; 1,858,892; 1,868,614					
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Internal Address: MS. SHARON ELWIN LEGAL ASSISTANT Enclosed Authorized to be charged to deposit account Street Address: 245 PARK AVENUE 8. Deposit account number: City: NEW YORK State: NY ZIP: 10167- (Attach duplicate copy of this page if paying by deposit account) O1 FC:481 40.00 0P DO NOT USE THIS SPACE 9. 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. LORI POTTS Name of Person Signing 7. Total fee (37 CFR 3.41)\$165.00 Authorized to be charged to deposit account	5.	· · ·			1			6	
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LEGAL ASSISTANT ☐ Authorized to be charged to deposit account Street Address: 245 PARK AVENUE 8. Deposit account number: City: NEW YORK State: NY ZIP: 10167 - 0034 (Attach duplicate copy of this page if paying by deposit account) 11 FC:481			7. Total fee (37 CFR 3.41)\$_165.00						
Street Address: 245 PARK AVENUE 8. Deposit account number: City: NEW YORK State: NY ZIP: 10167- 04/21/1999 DN6UYEN 00000297 1319889 OI FC: 481					☑ Enclosed				
8. Deposit account number: City: NEW YORK State: NY ZIP: 10167 – 64/21/1999 DNGUYEN 00000297 1319889 O0 34 (Attach duplicate copy of this page if paying by deposit account) 9. 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. LORI POTTS Name of Person Signing Signature 5 Date		LEGAL		☐ Authorized	d to be ch	narged to deposit	account		
9. 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. LORI POTTS Name of Person Signing O034 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 40.00 0P DO NOT USE THIS SPACE DO NOT USE THIS SPACE 4/15/99 Signature 5 Date		Street Address: 245 P.	ARK AVENU	E	8. Deposit accou	unt numb	er:		
9. 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. LORI POTTS Name of Person Signing Signature 5. Date	04/21/		ate: NY	ZIP: 10167- 0034	(Attach duplicate	copy of this	s page it paying by de	eposit account)	
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. LORI POTTS Name of Person Signing Signature 5 Date	01 FC: 02 FC:	481 40 482 125).00 OP 5.00 OP	DO NOT US	E THIS SPACE				
· ·	9.	To the best of my knowledge the original document.	and belief, the	foregoing inform	nation is true and con	rect and a			
		Name of Person Signing	Total numbe	r of pages including	-	and docu	ment: 5	Date	

Schedule 1 to Grant of Security Interest (Trademarks) Dated as of <u>April 2</u>, 1999

Page Michigan (Reg. No. 1,651,718)

Call Star Paging (Reg. No. 1,319,889)

Page Assist (Reg. No. 1,868,614)

Page West (Reg. No. 1,798,900)

Today's Pager (Reg. No. 1,834,200)

Westlink (Reg. No. 1,858,892)

AMENDED AND RESTATED GRANT OF SECURITY INTEREST (TRADEMARKS)

Reference is hereby made to (i) the Grant of Security Interest (Trademarks), dated as of June 29, 1998, executed by Arch Michigan, Inc. and recorded in the United States Patent and Trademark Office and (ii) the Grant of Security Interest (Trademarks), dated as of June 29, 1998, executed by The Westlink Company and recorded in the United States Patent and Trademark Office (the "Arch Michigan and Westlink Grants"). The Arch Michigan and Westlink Grants are hereby amended and restated in their entirety as follows:

ARCH COMMUNICATIONS ENTERPRISES LLC, a Delaware limited liability company (the successor in interest of each of Arch Michigan, Inc. and The Westlink Company) (the "Grantor"), is obligated to THE BANK OF NEW YORK, as Collateral Agent (the "Secured Party"), and has entered into the Amended and Restated Restricted Subsidiary Security Agreement (Bank), dated as of June 29, 1998 (as from time to time amended, supplemented or otherwise modified, the "Security Agreement") by and among the Subsidiary Guarantors party thereto and the Secured Party.

Pursuant to the Security Agreement, the Grantor granted to the Secured Party a security interest in all of the right, title and interest of the Grantor in and to the trademarks listed on Schedule 1 attached hereto, which trademarks are registered in the United States Patent and Trademark Office (the "Trademarks"), together with the goodwill of the business symbolized by the Trademarks and the applications and registrations thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof (the "Collateral"), to secure the prompt payment, performance and observance of the Obligations (as defined in the Security Agreement).

For good and valuable consideration, the receipt of which is hereby acknowledged, and for the purpose of recording the grant of the security interest as aforesaid, the Grantor does hereby further assign to the Secured Party, and grant to the Secured Party a security interest in, the Collateral to secure the prompt payment, performance and observance of the Obligations.

The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Secured Party with respect to the assignment of and security interest in the Collateral made and granted hereby are set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

The Secured Party's address is: One Wall Street, New York, New York 10286.

NY01DOCS/208505.02

IN WITNESS WHEREOF, the Grantor has caused this Assignment to be duly executed by its duly authorized officer as of the day of day of day., 1999.

ARCH COMMUNICATIONS ENTERPRISES LLC

By:

Name:

Title:

FRANK J. CIMMINO

MESKSLASK

COMMONWEALTH OF MASSACHUSETTS)				
COUNTY OF Harcistin)	SS.:			
COUNTY OF bracestic					
On this <u>5</u> day of april. Liraca Cimmina, to me known, who, bein	1999,	before	me	personally	came
	ig by me	duly sw	om, c	lid depose a	and say
that he resides at					;
that he is a VP. Treasurer	of	ARCH	COM	MUNICA'	TIONS
ENTERPRISES LLC, the limited liability comp	any desc	ribed in	and w	vhich execu	ted the
above instrument, and that he signed his name the	ereto by	order of	the m	embers the	reof.
	\triangle			nick	
	Nota	ry Public	;		
			-		

RECORDED: 04/19/1999

[Notary's Stamp]

JANET M. SMITH
Notary Public
My Commission Expires October 29, 2004