OIPE	40			04.00.00	<i>b</i>
BOX ASSIGNMENTS	77			04-26-20	01 :ks
APR 1 9 28	PATENT	APPLICATION FOR	RM COVER NS & PATE		
TO THE DIRECTOR OF	S. PATENT AN	D TRADEMARK C	PFFICE:	10168885	1001
SIR: PLEASE RECORD	THE ATTACHED	ORIGINAL DOCL	MENTS OR COPY TH	REOF.	(0)
1. NAME OF CONVEYIN	IG PARTY(IES) (A	ASSIGNOR(S)):	The PTO did r		
 Mark TITUS Dara UNG Carle S. JOHNSON 	5) F	Erik WALLACE Phillip GEIL Daniel HRONEK	listed item(s)	HO Chel	
ADDITIONAL NAME(S) O	OF CONVEYING F	PARTY(IES) ATTA	CHED? YES	XNC)
2. PARTY(IES) (ASSIGN	EE(S)) RECEIVIN	NG INTEREST:			
NAME: TeleCommunica ADDRESS: 275 West Str	n tion Systems, In reet, Suite 400, Ar	i c. nnapolis, Maryland	21401		
ADDITIONAL NAME(S) &			YES	XNO	
3. NATURE OF CONVEY (Submit herewith only only only only only only only only	one document for	<u>ENT):</u> recordation – multi	ple copies of same Ass	ignment signed b	by different
X ASSIGNMENT (OF X WHOL	E PART	INTEREST EXEC. D	ATE: March 26	, 2001
CHANGE OF NA	AME VERIF	TED TRANSLATIO	N		
SECURITY	MERGER	OTHER:			
4. EXECUTION DATE(S) SEE ATTY!): March 20	ON THE DECLA 6, 2001	RATION IF FILED	HEREWITH: (NOTE: II	DATES ↑↓ DIF	FER
4.5 APPL. NO.(S) OR PA	T NO.(S). OTHE	RS ON ADDITION	IAL SHEET(S) attached	? YES	X NO
A. PAT. APP. NO.(S) series code/serial no	//#	1ST INVENTOR if not in item 1	B. PATENT NO(S)	W#	1 ST INVENTOR if not in item 1
09/790,979	62-187	TITUS			
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:		respondence :	6. NUMBER INVOLVED: APPLNS 1 + PATS:_ = TOTAL 1		
MANELLI DENISON & SI 2000 M Street, N.W. Suite Washington, DC 20036	ELTER P.L.L.C. e 700		7. AMOUNT OF FEE ABOVE TOTAL X \$40	= \$ 40	
5.5 ATTY DKT:	1		8. IF ABOVE FEE IS MISS INSUFFICIENCY TO DEPO UNDER ORDER NO:	ING OR INADEQUA DSIT ACCOUNT NUM 62-187	TE CHARGE MBER: 50-0687
62-187		UENT DEE	dup, sheet not required	CLIENT/MATTER	
MATTER NO. 9. STATEMENT AND SIG	GNATURE TO !	LIENT REF. he best of my knov	vledge and belief, the fo	regoing informat	ion is true and
correct and any attached	copy is a true cor	by of the original de	ocument.		
Signature: Attorney: William H. Bolln	man	cove	Fotal number of pages in sheet, attachments and ot file dup. Cover sheet	d document	8
Reg. No. 36,457			<u> </u>		
Atty/Sec:			D-1- A	mril 10, 2001	
				pril 19, 2001 02) 887-0336	

FILE WITH PTO RETURN RECEIPT

ASSIGNMENT AND AGREEMENT

For value received, we, Mark TITUS, of 396 Kiltie Court, Arnold, in the County of Anne Arundel and State of Maryland, and Dara UNG, of 843 Snow Valley Lane, Odenton, in the County of Anne Arundel and State of Maryland, and Carle S. JOHNSON, Jr., of 1249 River Bay Road, Annapolis, in the County of Anne Arundel and State of Maryland, and Erik WALLACE, of 1326 Swan Drive, Annapolis, in the County of Anne Arundel and State of Maryland, and Phillip GEIL, of 6216 Lilac Bush Lane, Clarksville, in the County of Howard and State of Maryland, and Daniel HRONEK, of 1709 Woodlore Road, Annapolis, in the County of Anne Arundel and State of Maryland, hereby sell, assign and transfer to TeleCommunication Systems, Inc., a corporation of the State of Maryland, having an office at 275 West Street, Suite 400, Annapolis, Maryland, 21401, 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 PREPAID SHORT MESSAGING, described in an application for Letters Patent of the United States, executed by us on 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 TeleCommunication Systems, 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 **TeleCommunication Systems, 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 **TeleCommunication Systems**, **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 invention be issued to **TeleCommunication Systems, Inc.** in the United States and in all countries foreign to the United States, or to such nominees as **TeleCommunication Systems, Inc.** may designate.

1

PATENT REEL: 011711 FRAME: 0926

We agree that, when requested, we shall, without charge to TeleCommunication Systems, 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.

Date: 3-46-01	_
United States of America)·
State of MARYLAND) ss.:
County of ANNE ARUNOL)
On this day [Mark TITUS], to me known to be instrument, and acknowledged executions.	of MARCH, 2001, before me personally came the individual described in and who executed the foregoing ution of the same.

3-26-01

ANNE ARUNDEL CO.

Dara UNG

United States of America)	
State of MARYLANO) ss.:	
County of ANNE ALWOOL)	
On this 26th da [Dara UNG], to me known to be instrument, and acknowledged execution of the control of the cont	e the individual descri	, 2001, before me personally came bed in and who executed the foregoing

Date: 3/26/01

Peggy a Solomon

Notary Public
my commission expires 4-1-03



Carle S. JOHNSON, Jr.

Date: 03/26/0/

United States of America)

State of MARYLAND) ss.:

County of ANNE ARUNDEL)

On this 26th day of MARCH, 2001, before me personally came [Carle S. JOHNSON, Jr.], to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

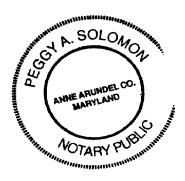
Peggy a. Solomon Notary Public



Erik WALLACE

Date: <u>3-26-0</u> /	_
United States of America)
State of MPRYLMVO) ss.:
County of ANNE PRUNDEL)
On this day [Erik WALLACE], to me known foregoing instrument, and acknowledge.	of MARCH, 2001, before me personally came to be the individual described in and who executed the dged execution of the same.

Deggy A. Solomon Notary Public my commission expires 4-1-03



Phillip GEIL

Date: 3 - 26-01		
United States of America)	
State of MARYLAND) ss.:	
County of ANNE ARUNDEL)	
On this 26th [Phillip GEIL], to me known instrument, and acknowledged	to be the ind	MARCH, 2001, before me personally came ividual described in and who executed the foregoing the same.

Paggy A Solomon

Notary Public my commission apries 4-1-03



Daniel HKONEK

Date: <u>3-26-01</u>	
United States of America)
State of MARYLAND) ss.:
County of ANNE ARUNDER	-)
On this date date date	ay of MARCH, 2001, before me personally came with the individual described in and who executed the eledged execution of the same.

Peggy a. Solomon

Notary Public

my commussion experies 4-1-0-

