BOX ASSIGNMENTS		_ 03-14-	-2003	DO NOT USE	FOR TRADEMARKS		
3 - 7-	R - <b>03</b> PAT		T NLY		SIPE		
TO THE DIRECTOR OF SIR: PLEASE RECORD		E		•	JR 0 7 2003 (2)		
1. NAME OF CONVEYING	NG PARTY(IES	B) (ASSIGNOR(S)):		E			
1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):  (1) Gordon HINES  (2) WIII COUSINS  ADDITIONAL MAAS(S) OF CONVEYING PARTY(IES) ATTACHEDS							
ADDITIONAL NAME(S)	ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  X NO						
2. PARTY(IES) (ASSIGN	NEE(S)) RECEI	VING INTEREST:					
NAME: TeleCommunica ADDRESS: 275 West S			and 21401				
ADDRESS: 275 West Street, Suite 400, Annapolis, Maryland 21401  ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  X NO							
3. NATURE OF CONVEYANCE (DOCUMENT):  (Submit herewith only one document for recordation – multiple copies of same Assignment signed by different inventors is one document.)							
X ASSIGNMENT O	F: <b>X</b> V	WHOLE	PART INTEREST	EXEC. DATE:	February 26, 2003		
CHANGE OF NAME VERIFIED TRANSLATION							
SECURITY MERGER OTHER:							
	4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: February 26, 2003 (NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)						
			OUEST(O) ATTAQUES		/50   V   NO		
4.5 APPL. OR PATENT NUMBER(S) – OTHERS ON ADD'L SHEET(S) ATTACHED? YES X NO							
				<del></del>	<u></u>		
A. PAT. APP. NO.(S) series code/serial no.	MATTER #	1ST INVENTOR if not in item 1	B. PATENT NO(S)	MATTER #	1ST INVENTOR if not in item 1		
series code/serial no. 10/318,171	20-501	not in item 1 Hines	` '				
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PATENT REEL: 013831 FRAME: 0977

## ASSIGNMENT AND AGREEMENT

For value received, we, Gordon John HINES, of Kirkland, in King County and State of Washington, and Mario G. TAPIA, of Seattle, in King County and State of Washington and Will COUSINS, of Seattle, in King County and State of Washington 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 AREA WATCHER FOR WIRELESS NETWORK, 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: 013831 FRAME: 0978 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.

Gordon John HINES

Date: 8 2003

United States of America

State of Washington ) ss.:

County of King )

On this day of d

Notary Public

		Mario G. TAPIA
Date:		
United States of America	)	
State of	) ss.:	
County of	)	
	known to be the in	, 2002, before me personally came dividual described in and who executed the n of the same.
-		
		Notary Public

Will COUSINS

Date: $\frac{7}{7660}$	3	
United States of America	)	

State of	WA	) ss.:	
	•		
County of	King	)	

On this day of February, 2002, before me personally came Will COUSINS, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

TeleCommunication Systems, Inc. 275 West Street, Suite 400 Annapolis, MD 21401

**RECORDED: 03/07/2003**