U.S. PTO 12/929729 BOX ASSIGNMENTS 02/11/2011 DO NOT USE FOR TRADEMARKS RE 02/22/2011 EET PATE ONLY TO THE DIRECTOR OF U.S. PATENT SIR PLEASE RECORD THE ATTACH 103618146 Y THEREOF. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)) Erik WALLACE; Walter WEICHSELBAUMER; Daniel HRONEK, mark TITUS; Dara UNG ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES X NO 2 PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST. NAME TeleCommunication Systems, Inc. ADDRESS: 275 West Street, Suite 400, Annapolis, Maryland 21401 ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES X NO NATURE OF CONVEYANCE (DOCUMENT) (Submit herewith only one document for recordation - multiple copies of same Assignment signed by different inventors is one document) ASSIGNMENT OF WHOLE PART INTEREST EXEC. DATE: May 15, 2000 CHANGE OF NAME VERIFIED TRANSLATION SECURITY MERGER OTHER: EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH (NOTE: IF DATES ↑↓ DIFFER SEE ATTY!): May 15, 2000 4 5 APPL NO (S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES] NO A. PAT. APP. NO.(S) **1ST INVENTOR** 1ST INVENTOR M# **B. PATENT NO(S)** M# series code/serial no if not in item 1 if not in item 1 Unknown 20-224 WALLACE Name & Address of Party to Whom Correspondence NUMBER INVOLVED: Concerning Document Should be Mailed APPLNS 1 + PATS: = TOTAL 1 **MANELLI DENISON & SELTER** P.L.L.C 2000 M Street, N W , 7th Floor Washington, DC 20036 7. AMOUNT OF FEE ENCLOSED: (Code 581).......
ABOVE TOTAL X \$40 = \$ 40 5 5 8 IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE ATTY DKT INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687 20-224 20-224 **UNDER ORDER NO: 20-224** 20-224 MATTER NO **CLIENT REF** dup sheet not required CLIENT/MATTER 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. Signature 10. Total number of pages including this cover sheet, attachments and document 7 Attorney William H Bollman (do not file dup. Cover sheet)

Reg No 36,457

Atty/Sec

02/14/2011 SMOHAMME 00000000 12929729

04 FC:8021 Date: February 11, 2011

40.00 OP

TEL (202)261-1020

Fax (202) 887-0336

FILE WITH PTO RETURN RECEIPT REEL: 025823 FRAME: 0142

ASSIGNMENT AND AGREEMENT

For value received, we, Erik L. Wallace, of 1326 Swan Drive, Annapolis, in the County of Anne Arundel and State of Maryland, Walter Weichselbaumer, of 1020 Spa Road, Annapolis, in the County of Anne Arundel and State of Maryland, Daniel J. Hronek, of 1709 Woodlore Road, Annapolis, in the County of Anne Arundel and State of Maryland, 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, 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 MOBILE ACTIVITY STATUS TRACKER, described in an application for Letters Patent of the United States, executed by us on even date herewith, the specification of which is being filed 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 inventions 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.

PATENT REEL: 025823 FRAME: 0143 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.

Erik L. Wallace

Date: 5/10/2000

United States of America

State of MARYLAND) ss.:

County of ANNE ARVNDED)

On this 10 TH day of MAY, 2000, before me personally came Erik L. Wallace, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

)

Notary Public

COMMISSION EXPIRES 4-1-03

PATENT REEL: 025823 FRAME: 0144

ANNE ARUNDEL CO. MARYLAND

Date:_	5/15/2000	
	, , ,	

MARYLAND State of) ss :

County of ANNE ARUNDEL)

On this 15th day of May ____, 2000, before me personally came Walter Weichselbaumer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

)

Peogy a. Solomon

Notary Public

COMMISSION EXPIRES 4-1-03



PATENT REEL: 025823 FRAME: 0145 Daniel J. Hronek

Date: 5/10/2000

United States of America

State of MARYLAND) ss.:

County of ANNE ARUNOEL

On this 10 TH day of 4 MAY, 2000, before me personally came Daniel J. Hronek, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

COMMISSION EXPIRES 4-1-03

PATENT REEL: 025823 FRAME: 0146

ANNE ARUNDEL CO.

Mark Titus

Date: 5/11/00	····	
United States of America)	
State of MARYLAND) ss.:	
County of ANNE ARUNDEL)	
On this ilth day of Titus, to me known to be the indiv and acknowledged execution of the	idual describe	, 2000, before me personally came Mark ed in and who executed the foregoing instrument

Peggy a. Solomon Notary Public Commission Expless 4-1-03

AND TARY PUBLIC

PATENT REEL: 025823 FRAME: 0147 Dara Ung

Date: 5/10/2000	
United States of America)
State of MARYLAND) ss.:
County of ANNE ARUNDEL)
On this 10 TH day of Ung , to me known to be the indivious and acknowledged execution of the	, 2000, before me personally came Dara dual described in and who executed the foregoing instrument,
and acknowledged execution of the	A. SOLOMOZA
	Notary Public Commission Expires 4-1-03 ANNE ARLINDEL CO. MARYLAND ANNE ARLINDEL CO. MARYLAND
	COMMISSION EXPIRES 4-1-03 10 TANKED

PATENT REEL: 025823 FRAME: 0148

RECORDED: 02/11/2011