

12-21-2004

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TO THE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT AND A TRUE COPY THEREOF.

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17548 U.S. PTO
11/008616

121004

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Fiona S. BEST;
2. Dorothy A. McClintok;
3. William Jeremy LEE;
4. Wesley R. HARTWELL;
5. Eric REED

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?

☐ YES☒ 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☒ 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.)☒ ASSIGNMENT OF: ☒ WHOLE ☐ PART INTEREST

EXEC. DATE: 11/8/04

☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☐ OTHER:

4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: 10/29/04

(NOTE: IF DATES $\uparrow\downarrow$ DIFFER, SEE ATTORNEY!!)

4.5 APPL. OR PATENT NUMBER(S) - OTHERS ON ADD'L SHEET(S) ATTACHED?

☐ YES☒ NO

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
unknown	20-576	BEST			

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

MANELLI DENISON & SELTER PLLC

2000 M Street, NW Suite 700

Washington, DC 20036

6. NUMBER INVOLVED:

APPLNS 1 + PATS = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL X \$40 = \$40

5.5 ATTORNEY DOCKET:

8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687

20-576	BEST	UNDER ORDER NO: 20-576	20-576
MATTER NO.	CLIENT REFERENCE	duplicate 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.

W H Bollman

Attorney: William H. Bollman

Reg. No. 36,457

WHB/jtm

10. Total number of pages including this
cover sheet, attachments and document
(do not file duplicate cover sheet)

7

DATE: December 10, 2004

FAX: (202) 887-0336

TEL. (202) 261-1020

FILE WITH PTO RETURN RECEIPT

12/14/2004 MBIZUNES 00000010 11008616

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40.00 OP

ASSIGNMENT AND AGREEMENT

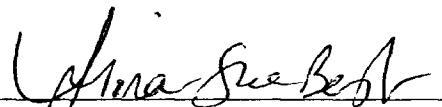
For value received, we, **BEST, Fiona S.**, of **Crofton**, in the County of **Anne Arundel** and State of **Maryland**, **McClintock, Dorothy A.** of **Highland**, in the County of **Howard** and State of **Maryland**, **LEE, William Jeremy** of **Crownsville**, in the County of **Anne Arundel** and the State of **Maryland**, **HARTWELL, Wesley R.**, of **Sykesville**, in the County of **Carroll County** and State of **Maryland** and **REED, Eric**, of **Jackson**, in the County of **Ocean County** and State of **New Jersey** 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 **FOUR FREQUENCY BAND SINGLE GSM ANTENNA**, described in an application for Letters Patent of the United States, 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 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.

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.


Fiona BEST

Date: NOVEMBER 8, 2004

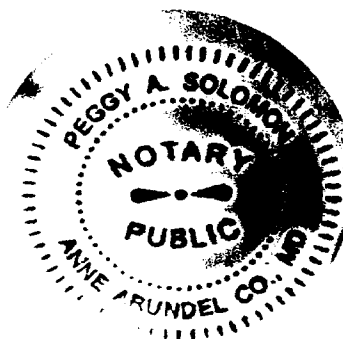
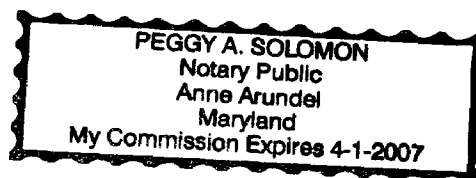
United States of America)

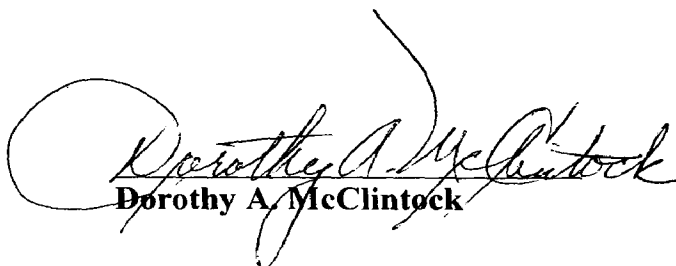
State of MARYLAND) ss.:

County of ANNE ARUNDEL)

On this 8th day of NOVEMBER, 2004, before me personally came **Fiona BEST**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


 Notary Public




 Dorothy A. McClintock

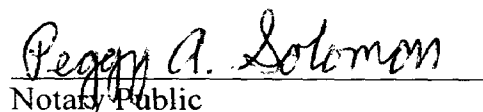
Date: NOVEMBER 8, 2004

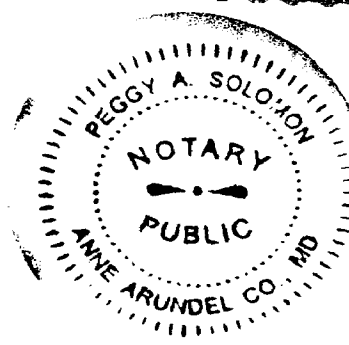
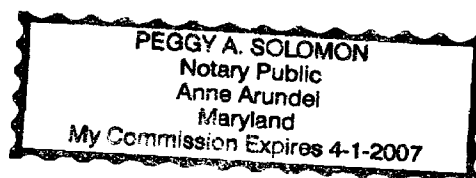
United States of America)

State of MARYLAND) ss.:

County of ANNE ARUNDEL)

On this 8th day of NOVEMBER, 2004, before me personally came **Dorothy A. McClintock**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


 Notary Public



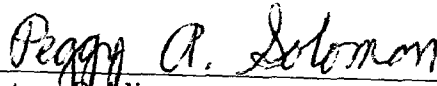


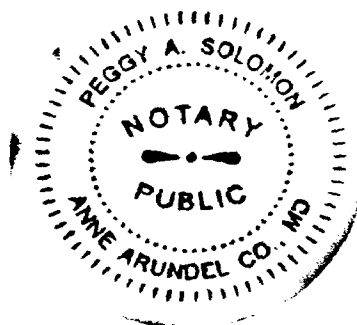
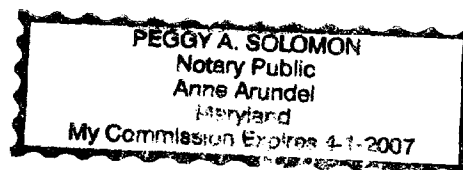
William Jeremy LEEDate: NOVEMBER 8, 2004

United States of America)

State of MARYLAND) ss.:County of ANNE ARUNDEL)

On this 8th day of NOVEMBER, 2004, before me personally came **William Jeremy LEE**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public


Wesley R. HARTWELL

20-576


Date: NOVEMBER 8, 2004

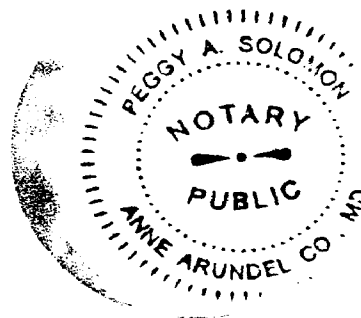
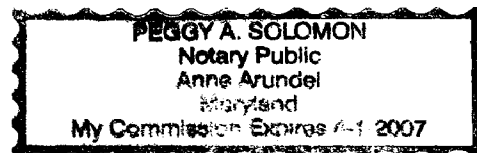
United States of America)


State of MARYLAND) ss.:

County of ANNE ARUNDEL)

On this 8th day of NOVEMBER, 2004, before me personally came **Wesley R. HARTWELL**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public




Eric REED


Date: 10/02/04

United States of America)

State of MARYLAND) ss.:

County of ANNE ARUNDEL)

On this 2ndnd day of OCTOBER, 2004, before me personally came **Eric REED**, 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

