Docket No.: BS02-220 CONTROLL COVER SHEET FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) 11-25-2002 Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → To the Honorable Commissioner of Paten ached original documents or copy thereof. 102291890 ass of receiving party(ies): 1. Name of conveying party(ies): Sony Antony 11-18-02 **Harry Tang** Name: BellSouth Intellectual Property Corporation Vikas Varma Address: 824 Market Street Suite 901 ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger ☑ Assignment City: Wilmington _____ State/Prov.: DE Change of Name ☐ Security Agreement ZIP: 19801 Country: USA □ Other Execution Date: November 14, 2002 ⊠ No Additional name(s) & address(es) ☐ Yes 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. 10/259,732 9/30/02 ☐ Yes ☒ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Michael A. Oblon 7. Total fee (37 CFR 3.41):....\$ 40.00 42,956 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Shaw Pittman LLP Authorized to be charged to deposit account 1650 Tysons Boulevard 8. Deposit account number: 50-1390 State/Prov.: VA City: McLean (Attach duplicate copy of this page if paying by deposit account) ZIP: 22102 Country: US 00000111 501390 10259732 /22/2002 DBYRNE DO NOT USE THIS SPACE FC:8021 40.00 CH Statement and signature. 40.00 CH To the best ol√my knowledge and belief, the folegoing information is true and correct and any attached copy is a true copy of the original document. Jun 2 18, 202 Michael A. Oblon Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

ASSIGNMENT

WHEREAS, Sony Antony, residing at 740 Sidney Marcus Boulevard, NE, Apt. 3304, Atlanta, Georgia 30324; and Harry Tang, residing at 2506 Madison Commons, Atlanta, Georgia 30360; and Vikas Varma, residing at 405 Monterey Parkway, Atlanta, Georgia 30350; (hereinafter "Assignors") have invented certain new and useful improvements in

NMS CORBA LISTENER FOR EMS SIGNALS

for a full description of which, reference is here made to an application for Letters
Patent of the United States of America
Executed concurrently herewith
☐ Executed on
Serial. No. 10/259,732, filed September 30, 2002
in the U.S. Patent and Trademark Office and to U.S. provisional patent application(s
☐ Serial. No. , filed

in the U.S. Patent and Trademark Office; and

WHEREAS, BellSouth Intellectual Property Corporation a corporation of the State of Delaware, having its principal office and place of business at 824 Market Street, Suite 901, Wilmington, Delaware 19801 (hereinafter "Assignee") is desirous of acquiring the entire right, title, and interest in, to, and under said invention and application above identified, and in, to, and under any Letters Patent that may be obtained for said invention, together with all foreign rights corresponding thereto, as hereinafter more fully set forth.

PATENT REEL: 013509 FRAME: 0587 ASSIGNMENT BS02-220

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable and legally sufficient consideration, the receipt of which by each Assignor from Assignee is hereby acknowledged, Assignors have agreed to sell, assign, and transfer and by these presents does hereby, sell, assign, and transfer unto Assignee the entire right, title and interest in, to, and under said invention and application above identified and Letters Patent of the United States of America that may be obtained in respect thereof; any corresponding applications for Letters Patent and Letters Patent therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee forever.

Assignors hereby covenant and agree, for themselves and for their respective legal representatives, to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any applications or Letters Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this ASSIGNMENT.

Assignors hereby authorize and empower Assignee to invoke and claim for any applications or Letters Patent included within the Invention Rights the benefit of any rights to which Assignors might be entitled under international law or under the laws of any particular country (such as, without limitation, the right of priority provided by the International Convention for the Protection of Industrial Property, as amended) and to invoke and claim said rights without further written or oral authorization from Assignors.

Assignors hereby consent that a copy of this ASSIGNMENT shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that

2/6

ASSIGNMENT BS02-220

may be required in any particular country for any purpose and more particularly in proof of the right of Assignee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended.

Assignors covenant and agree that this ASSIGNMENT and all of the terms hereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignors.

Assignors hereby authorize and request the Commissioner of Patents and the United States Patent and Trademark Office to issue Letters Patent to Assignee in accordance with the terms of this ASSIGNMENT.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this
12 day of November 2002.
SIGNATURE: NAME: SONY ANTONY
STATE OF <u>Georgia</u> COUNTY OF <u>Fulton</u>
I, <u>Kristin B. Do(tor)</u> , a Notary Public in and for the County and State aforesaid, do hereby certify that SONY ANTONY, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the use and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of
(SEAL) Notary Public

Notary Public, Pike County, Georgia My Commission Expires March 30, 2004

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this
14 day of November, 2002.
SIGNATURE: HARRY TANG
STATE OF <u>Seorgia</u> COUNTY OF Fulton
COUNTY OF TREATMENT TO THE COUNTY OF THE COUNTY OF TREATMENT TO THE COUNTY OF THE COUNTY OF TREATMENT TO THE COUNTY OF THE COUNT
I, And State aforesaid, do hereby certify that HARRY TANG, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the use and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of November, 2002.
(SEAL) Notary Public

Notary Public, Pike County, Georgia My Commission Expires March 30, 2004

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this
14 day of Norab , 2002. SIGNATURE:
SIGNATURE: YIKAS VARMA
STATE OF Crewog -
COUNTY OF Folk
I, B. Otton, a Notary Public in and for the County and State aforesaid, do hereby certify that VIKAS VARMA, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the use and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of Notarial Seal, 2002.
(SEAL) Notary Public
Notary Public, Pike County, Georgia My Commission Expires March 30, 2004

6/6

RECORDED: 11/18/2002