

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Middle District of Florida - Jacksonville on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 3:15-cv-743-J-34JRK	DATE FILED 6/19/2015	U.S. DISTRICT COURT Middle District of Florida - Jacksonville
PLAINTIFF Patent Asset Licensing, LLC		DEFENDANT WIDOPEN WEST FINANCE, LLC, AND KNOLOGY OF FLORIDA, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 7,764,777 B2	7/27/2010	Wood et al.
2 8,155,298 B2	4/10/2012	Wood et al.
3 8,457,113 B2	6/4/2013	Wood et al.
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK Sheryl L. Loesch	(BY) DEPUTY CLERK Robin Hall	DATE 6/23/2015
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

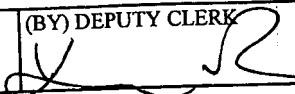
DOCKET NO. 3:15-cv-747-J-32MCR	DATE FILED 6/19/2015	U.S. DISTRICT COURT Middle District of Florida, Jacksonville Division
PLAINTIFF Patent Asset Licensing, LLC		DEFENDANT T3 Communications, Inc
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 7,764,777 B2	7/27/2010	Patent Asset Licensing, LLC
2 US 8,155,298 B2	4/10/2012	Patent Asset Licensing, LLC
3 US 8,457,113 B2	6/4/2013	Patent Asset Licensing, LLC
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DECISION/JUDGEMENT

CLERK SHERYL L. LOESCH	(BY) DEPUTY CLERK 	DATE 6/22/2015
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 3:15-cv-744-MMH-JBT	DATE FILED 6/19/2015	U.S. DISTRICT COURT Middle District of Florida - Jacksonville
PLAINTIFF Patent Asset Licensing, LLC		DEFENDANT YMAX Corporation
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 7,764,777	7/27/2010	Wood et al.
2 8,155,298	4/10/2012	Wood et al.
3 8,457,113	6/4/2013	Wood et al.
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PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK Sheryl L. Loesch	(BY) DEPUTY CLERK Nicole Schaefer	DATE 6/22/2015
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 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 3:15-cv-743-J-34JRK	DATE FILED 6/19/2015	U.S. DISTRICT COURT Middle District of Florida - Jacksonville
PLAINTIFF Patent Asset Licensing, LLC		DEFENDANT WIDOPEN WEST FINANCE, LLC, AND KNOLOGY OF FLORIDA, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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TO: **Mail Stop 8**
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

**REPORT ON THE
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 ACTION REGARDING A PATENT OR
 TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Middle District of Florida, Jacksonville Division on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

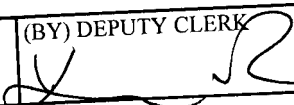
DOCKET NO. 3:15-cv-747-J-32MCR	DATE FILED 6/19/2015	U.S. DISTRICT COURT Middle District of Florida, Jacksonville Division	
PLAINTIFF Patent Asset Licensing, LLC		DEFENDANT T3 Communications, Inc	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas, Marshall Division on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 2:15-cv-1108	DATE FILED 6/19/2015	U.S. DISTRICT COURT Eastern District of Texas, Marshall Division
PLAINTIFF Fellowship Filtering Technologies, LLC		DEFENDANT Salesforce.com, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 5,884,282	5/16/1999	Fellowship Filtering Technologies, LLC
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY	<input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Central District of California on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 2:15-cv-03181 DDP (ASx)	DATE FILED April 29, 2015	U.S. DISTRICT COURT Central District of California
PLAINTIFF American Bullion, Inc., Swiss America Trading Corp., and Lear Capital, Inc.		DEFENDANT Hernan Slodowicz, et al.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 3696663	10/13/2009	Lear Capital, Inc.
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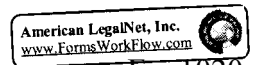
In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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CLERK	(BY) DEPUTY CLERK	DATE

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Ex. 1020



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	002964.P073

CONFIRMATION NO. 4565

POA ACCEPTANCE LETTER

8791
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040



Date Mailed: 09/29/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/19/2014.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/ytbedada/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	357323-990123

CONFIRMATION NO. 4565

POWER OF ATTORNEY NOTICE



26379
DLA PIPER LLP (US)
2000 UNIVERSITY AVENUE
EAST PALO ALTO, CA 94303-2248

Date Mailed: 09/29/2014

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/19/2014.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/ytbedada/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Patent Number	8,155,298
	Issue Date	April 10, 2012
	First Named Inventor	Samuel F. Wood
	Title	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
	Attorney Docket Number	002964.P073

I hereby revoke all previous powers of attorney given in the above-identified patent.

A Power of Attorney is submitted herewith.

OR

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: 08791

OR

I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

The address associated with the above-mentioned Customer Number.

OR

The address associated with Customer Number:

OR

Firm or Individual Name

Address

City State Zip

Country

Telephone Email

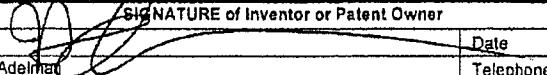
I am the:

Inventor, having ownership of the patent.

OR

Patent owner.
 Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____

SIGNATURE of Inventor or Patent Owner

Signature		Date	6/26/2014
Name	Jeff Adelman	Telephone	(323) 860-9200
Title and Company	Manager, Focal IP, LLC		

NOTE: Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	20194113
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	26379
Filer:	Farzad Etemad Amini/Margaux Wolson
Filer Authorized By:	Farzad Etemad Amini
Attorney Docket Number:	357323-990123
Receipt Date:	19-SEP-2014
Filing Date:	05-JUL-2006
Time Stamp:	16:50:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Assignee showing of ownership per 37 CFR 3.73.	2964P073_State37CFR373b_09_19_14.pdf	73994 <small>886953de534cbe8e29e2a335ca30ec16680624e8</small>	no	2

Warnings:

Information:

Ex. 1020

YMax Corporation

2	Power of Attorney	2964P073_PatentPOA_RevChange_09_19_14.pdf	48226 d96126001587ac7fd08d7c69360bb02bf31869f7	no	1
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Warnings:

Information:

Total Files Size (in bytes):	122220
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Focal IP, LLC

Application No./Patent No.: 8,155,298 Filed/Issue Date: April 10, 2012

Titled:

Focal IP, LLC, a limited liability company
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1. the assignee of the entire right, title, and interest in;
- 2. an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
- 3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Wood, Samuel F., Klein, Jerry A. To: Telemaze, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 014034, Frame 0043, or for which a copy thereof is attached.

2. From: Asprey, Margaret Susan To: Telemaze, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 015613, Frame 0259, or for which a copy thereof is attached.

3. From: Telemaze, Inc. To: Telemaze LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 016844, Frame 0708, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Farzad E. Amini
Signature

September 19, 2014
Date

Farzad E. Amini, Reg. No. 42,261
Printed or Typed Name

Attorney for Patent Owner
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

B. A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as follows: (CONTINUED)

4. From: Telemaze, LLC To: Focal IP, LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 032350, Frame 0549



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	357323-990123

CONFIRMATION NO. 4565

MISCELLANEOUS NOTICE

26379
DLA PIPER LLP (US)
2000 UNIVERSITY AVENUE
EAST PALO ALTO, CA 94303-2248



Date Mailed: 09/09/2014

A communication which cannot be delivered in electronic form has been mailed to the applicant.


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	357323-990123

CONFIRMATION NO. 4565

26379
 DLA PIPER LLP (US)
 2000 UNIVERSITY AVENUE
 EAST PALO ALTO, CA 94303-2248



OC000000070624063

Cc: BLAKELY SOKOLOFF TAYLOR & ZAFMAN
 1279 OAKMEAD PARKWAY
 SUNNYVALE, CA 94085-4040

Date Mailed: 09/09/2014

DENIAL OF REQUEST FOR POWER OF ATTORNEY

The request for Power of Attorney filed 08/25/2014 is acknowledged. However, the request cannot be granted at this time for the reason stated below.

- The Power of Attorney you provided did not comply with the new Power of Attorney rules that became effective on June 25, 2004. See 37 CFR 1.32.
- The revocation is not signed by the applicant, the assignee of the entire interest, or one particular principal attorney having the authority to revoke.
- The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.
- The person signing for the assignee has omitted their empowerment to sign on behalf of the assignee.
- The inventor(s) is without authority to appoint attorneys since the assignee has intervened as provided by 37 CFR 3.71.
- The signature(s) of _____, a co-inventor in this application, has been omitted. The Power of Attorney will be entered upon receipt of confirmation signed by said co-inventor(s).
- The person(s) appointed in the Power of Attorney is not registered to practice before the U.S. Patent and Trademark Office.

Questions relating to this Notice should be directed to the Application Assistance Unit.

A. G. Yu

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Patent Number	8,155,298
	Issue Date	April 10, 2012
	First Named Inventor	Samuel F. Wood
	Title	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
	Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified patent.

A Power of Attorney is submitted herewith.

OR

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: 08791

OR

I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

The address associated with the above-mentioned Customer Number.

OR

The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

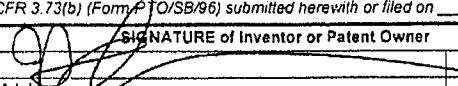
I am the:

Inventor, having ownership of the patent.

OR

Patent owner.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.

SIGNATURE of Inventor or Patent Owner

Signature		Date	6/26/2014
Name	Jeff Adelman	Telephone	(323) 860-9200
Title and Company	Manager, Focal IP, LLC		

NOTE: Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	19956181
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	26379
Filer:	Farzad Etemad Amini/Margaux Wolson
Filer Authorized By:	Farzad Etemad Amini
Attorney Docket Number:	357323-990123
Receipt Date:	25-AUG-2014
Filing Date:	05-JUL-2006
Time Stamp:	15:53:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	2964P073_PatentPOA_RevChange_08_25_14.pdf	46903 <small>e7e4c4eb80856a69b3619ff5ce3560503057e28f</small>	no	1

Warnings:

Information:

Ex. 1020

YMax Corporation

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Please fax to: Status & Entity Branch, Office of Finance at 571-273-6500 or submit to:

Mail Stop M Correspondence
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

Re: US Patent No. 8,155,298
Our Ref: 002964.P073

Dear Sir:

Please note that the applicant for the above-referenced patent qualifies as a **LARGE** entity.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Dated: _____

2/24/14

By: _____

[Signature]

Eric S. Hyman Reg. No. 30,139

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(310) 207-3800

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being submitted to the USPTO Office of Finance via facsimile at 571-273-6500 on the date shown below.

Alexis Karkiker

[Signature]

2/24/14

Date



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/428,822	04/10/2012	8155298	357323-990123	4565

26379 7590 03/21/2012
DLA PIPER LLP (US)
2000 UNIVERSITY AVENUE
EAST PALO ALTO, CA 94303-2248

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 1355 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Samuel F. Wood, Los Altos Hills, CA;
Jerry A. Klein, Los Altos, CA;
Margaret Susan Asprey, Los Altos, CA;

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	4,310,726	01-12-1982	Asmuth	179	18	02-04-1980	
	5,673,262	09-30-1997	Shimizu	370	395	11-07-1995	
	5,848,140	12-08-1998	Foladare et al.	379	201	12-29-1995	
Change(s) applied to document, /T.W./ 3/13/2012	5,991,310	11-23-1999 07-09-1997	Katko	370	522	07-09-1997	
	2007/0041526	02-2007	Hill et al.	379	88.21	10-27-2006	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATI YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
EXAMINER INITIAL		
	1	Dowden, Douglas C., et al., "The Future of Network-Provided Communications Services," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 3-10
	2	Foard, C.F., "Teaming Switches and Computers for Customer Applications," <i>AT&T Technology</i> , 1991; 6, 4; Research Library, pp. 32-38
	3	Foster, Robin Harris, "Computer-Telephone Integration Goes Global," <i>AT&T Technology</i> , Autumn 1995; 10, 3; Research Library, pp. 18-22
	4	Kozik, Jack, et al., "On Opening PSTN to Enhanced Voice/Data Services – The PINT Protocol Solution," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 153-165
	5	Lui, Anthony Y., et al., "The Enhanced Service Manager: A Service Management System for Next-Generation Networks," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 130-144
	6	Reisfield, E.S., "Customers Take Control of the AT&T Network," <i>AT&T Technology</i> , 1991; 6, 1; Research Library, pp. 44-48
	7	Sijben, Paul G., et al, "Bridging the Gap to IP Telephony," <i>Bell Labs Technical Journal</i> , October-December 1998, pp. 192-207

EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/30/2011
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes application details for 11/428,822 and examiner information for AL AUBAIDI, RASHA S.

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PatentDocketingUS-PaloAlto@dlapiper.com

Notice of Allowability

Application No.

11/428,822

Examiner

RASHA AL AUBAIDI

Applicant(s)

WOOD ET AL.

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to printer Rush dated 01/23/2012.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 1-11 and 25-55 which have been renumbered as 1-42.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____ .
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in **ABANDONMENT** of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

- 5. A **SUBSTITUTE OATH OR DECLARATION** must be submitted. Note the attached **EXAMINER'S AMENDMENT** or **NOTICE OF INFORMAL PATENT APPLICATION (PTO-152)** which gives reason(s) why the oath or declaration is deficient.
 - 6. **CORRECTED DRAWINGS** (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 7. **DEPOSIT OF and/or INFORMATION** about the deposit of **BIOLOGICAL MATERIAL** must be submitted. Note the attached Examiner's comment regarding **REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL**.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413), Paper No./Mail Date _____ .
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Rasha S AL-Aubaidi/
Primary Examiner, Art Unit 2614



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	357323-990123

CONFIRMATION NO. 4565

POA ACCEPTANCE LETTER

26379
DLA PIPER LLP (US)
2000 UNIVERSITY AVENUE
EAST PALO ALTO, CA 94303-2248



Date Mailed: 01/20/2012

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/06/2012.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/cbowen/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	TLM-103C1CON2

CONFIRMATION NO. 4565

POWER OF ATTORNEY NOTICE



49637
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

Date Mailed: 01/20/2012

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/06/2012.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/cbowen/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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 United States Patent and Trademark Office
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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Bib Data Sheet

CONFIRMATION NO. 4565

SERIAL NUMBER 11/428,822	FILING OR 371(c) DATE 07/05/2006 RULE	CLASS 379	GROUP ART UNIT 2614	ATTORNEY DOCKET NO. 357323-990123
------------------------------------	---	---------------------	-------------------------------	---

APPLICANTS
 Samuel F. Wood, Los Altos Hills, CA;
 Jerry A. Klein, Los Altos, CA;
 Margaret Susan Asprey, Los Altos, CA;

**** CONTINUING DATA *******
 This application is a CON of 10/426,279 04/30/2003 PAT 7324635
 which is a CIP of 09/565,565 05/04/2000 PAT 6574328

**** FOREIGN APPLICATIONS *******

IF REQUIRED, FOREIGN FILING LICENSE GRANTED SMALL ENTITY ****
 ** 07/19/2006

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 11	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 3	
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance					
Verified and Acknowledged	Examiner's Signature	Initials			

ADDRESS
 26379

TITLE
 TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

FILING FEE RECEIVED 1395	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

49637 7590 10/07/2011
~~BERRY & ASSOCIATES P.C.~~
~~9229 SUNSET BOULEVARD~~
~~SUITE 630~~
~~LOS ANGELES, CA 90069~~

DLA PIPER LLP (US)
 2000 University Ave.
 East Palo Alto, CA 94303

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Alan A. Limbach	(Depositor's name)
/Alan A. Limbach/	(Signature)
January 6, 2012	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

11/428,822 07/05/2006 Samuel F. Wood TLM-103C1CON2 4565

TITLE OF INVENTION: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$870 \$300 \$0 \$1170 01/09/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
----------	----------	----------------

AL AUBAIDI, RASHA S 2614 379-211010

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 DLA Piper LLP (US)
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)
 TELEMAZE LLC LOS ALTOS, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 07-1896 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Alan A. Limbach/ Date January 6, 2012
 Typed or printed name Alan A. Limbach Registration No. 39,749

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Ex. 1020

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
OR
REVOCAION OF POWER OF ATTORNEY
WITH A NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	11428622
Filing Date	July 5, 2008
First Named Inventor	Wood
Title	Tandem Access Controller Within The Public Switched Telephone Network
Art Unit	2614
Examiner Name	Al Aubadi, Rasha S.
Attorney Docket Number	357323-990123

I hereby revoke all previous powers of attorney given in the above-identified application.

A Power of Attorney is submitted herewith.

OR

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

26379

OR

I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number.

OR

The address associated with Customer Number:

OR

Firm or Individual Name:

Address

City

State

Zip

Country

Telephone

Email

I am the:

Applicant/Inventor.

OR

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on

SIGNATURE of Applicant or Assignee of Record

Signature

Date

2/5/12

Name

Jerry Klein

Telephone

650-948-1243

Title and Company

Managing Director, Telemaze LLC

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1458, Alexandria, VA 22313-1450.

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American LegalNet, Inc.
www.FormsWorkflow.com

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Wood, Samuel F.; Klein, Jerry A. & Asprey, Margaret Susan

Application No./Patent No.: 11/428,822 Filed/Issue Date: July 5, 2006

Entitled: Tandem Access Controller Within The Public Switched Telephone Network

Telemaze LLC, a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1. the assignee of the entire right, title, and interest in;
- 2. an assignee of less than the entire right, title and interest in
 (The extent (by percentage) of its ownership interest is _____ %); or
- 3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Wood, Samuel F. & Klein, Jerry A. To: Telemaze, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel Q14034, Frame 0043, or for which a copy thereof is attached.

2. From: Asprey, Margaret Susan To: Telemaze, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel Q15613, Frame Q259, or for which a copy thereof is attached.

3. From: Telemaze, Inc. To: Telemaze LLC

The document was recorded in the United States Patent and Trademark Office at Reel Q16644, Frame Q708, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

 Signature

1/5/12

 Date

Jerry Klein

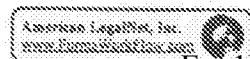
 Printed or Typed Name

Managing Director,
Telemaze LLC

 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Electronic Patent Application Fee Transmittal

Application Number:	11428822
Filing Date:	05-Jul-2006
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Filer:	Alan A. Limbach/Kathleen LaBrie
Attorney Docket Number:	TLM-103C1CON2

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	870	870
Publ. Fee- early, voluntary, or normal	1504	1	300	Ex. 1020 300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1170

Electronic Acknowledgement Receipt

EFS ID:	11776334
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	49637
Filer:	Alan A. Limbach/Kathleen LaBrie
Filer Authorized By:	Alan A. Limbach
Attorney Docket Number:	TLM-103C1CON2
Receipt Date:	06-JAN-2012
Filing Date:	05-JUL-2006
Time Stamp:	17:06:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1170
RAM confirmation Number	4357
Deposit Account	071896
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

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Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	Issue_Fee_Transmittal_PTOL85B_357323-990123.pdf	516125 45a6431a5ba22dfe97a4cfdfe994e60d0d1b4e83	no	1

Warnings:

Information:

2	Power of Attorney	Power_of_Attorney_357323-990123.pdf	405466 1a8fe5b68362ef3b0f8b9dc7afa87d9f29025b23	no	1
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Warnings:

Information:

3	Assignee showing of ownership per 37 CFR 3.73(b).	Statement_373b_357323-990123.pdf	390103 feab2f083e4111d3b875bf9b9a3261e8f4de547	no	1
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Warnings:

Information:

4	Fee Worksheet (SB06)	fee-info.pdf	31818 5566713146e0d0153a4ce7485bd8d263134d51d7	no	2
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Warnings:

Information:

Total Files Size (in bytes): 1343512

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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes application details for 11/428,822 filed 07/05/2006 by Samuel F. Wood, attorney TLM-103C1CON2, and examiner AL AUBAIDI, RASHA S.

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

efiling@berrypc.com

Response to Rule 312 Communication	Application No.	Applicant(s)
	11/428,822	WOOD ET AL.
	Examiner	Art Unit
	RASHA AL AUBAIDI	2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. The amendment filed on 04 November 2011 under 37 CFR 1.312 has been considered, and has been:
- a) entered.
 - b) entered as directed to matters of form not affecting the scope of the invention.
 - c) disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
 - d) disapproved. See explanation below.
 - e) entered in part. See explanation below.

	/Rasha S AL-Aubaidi/ Primary Examiner, Art Unit 2614
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)	Customer No.:	49,637
)		
Samuel F. WOOD, et al.	)	Confirmation No.:	4565
)		
Serial No.: 11/428,822	)	Group Art Unit:	2614
)		
Filed: July 5, 2006	)	Examiner:	Al Aubaidi, Rasha S.
)		
For: TANDEM ACCESS CONTROLLER	)	Docket No.:	TLM-103.C1CON2
WITHIN THE PUBLIC SWITCHED)		
TELEPHONE NETWORK)		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 312

Dear Madam:

Further to the Amendment please consider the following remarks.

The Claims are reflected in the listing of claims, which begins on page **2** of this paper.

Remarks begin on page **10** of this paper.

IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*underlining*) and deleted subject matter (*strikethrough*), as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for providing user control selections for ~~of~~ routing of one or more communications between users of one or more communications networks, wherein the users either 1) initiate a communication, 2) receive a communication, or 3) control a communication, the user control selections ~~performed~~ provided by a user via access to a web server of a web-enabled processing system connected to operate at least in part with the one or more communication networks, wherein at least one of the communication networks is a network comprising edge switches for routing calls from and to users within a local geographic area and switching facilities for routing calls to other edge switches or other switching facilities local or in other geographic areas, the web server of the web-enabled processing system facilitating direct access by a user for providing user control selections to the at least one of the switching facilities, the user having a communications device with which to communicate with the web server of the web-enabled processing system, the method comprising the steps of:

facilitating access by authorized users to the web-enabled processing system, via ~~Internet~~ the web server, the web-enabled processing system coupled to at least one of the switching facilities of the network, the web-enabled processing system configured to route a communication from a specific one of the users to an intended recipient of the users,

executing control criteria, via the web-enabled processing system, to control the routing of the one or more communications via the web-enabled processing system, the control criteria predetermined by the users control selections via the ~~Internet~~ web server before the control criteria are executed via the web-enabled processing system,

wherein the web-enabled processing system is configured to perform the following operations to execute the control criteria:

first, receive a message indicating a communication request from a user initiating a communication for an intended recipient user, wherein the message request is transmitted using a signalling protocol of the at least one communication network;

second, validate and acknowledge said communications request without first forwarding said request to a terminating edge switch within the geographic area of the intended recipient of the users;

third, determine the control criteria for access to the intended recipient of the users;

fourth, facilitate selection of a routing path over the at least one communication network in accordance with the control criteria for the intended recipient user;

fifth, route the communication in accordance with the control criteria, and

sixth, complete a communications link between the user initiating the communication and the intended recipient of the users, when the intended recipient of the users accepts the communication from the user initiating the communication.

2. (Previously Presented) The method of claim 1, wherein the user initiating the communication uses a first telephone number, and the web-enabled processing system for routing the communication in accordance with the control criteria routes the communication to a communications device designated by the intended recipient of the users, which is reached by using a second telephone number.

3. (Currently Amended) The method of claim 1, wherein the communications device of the intended recipient of the users is a telephone, and wherein the intended recipient of the users, by accepting the communication causes the web-enabled processing system to connect a communications device of the user initiating the communication to the telephone of the intended recipient of the users.

4. (Currently Amended) The method of claim 1, wherein the communications device of the intended recipient of the users is a telephone, and wherein the intended recipient of the users can designate control criteria to the web-enabled processing system to connect a

communications device of the user initiating the communication to a device other than the telephone of the intended recipient of the users.

5. (Currently Amended) The method of claim 1, wherein the communications device of the intended recipient of the users is a computer, and wherein upon accepting the communication, the web-enabled processing system connects a communications device of the user initiating a communication to the computer of the intended recipient of the users.

6. (Previously Presented) The method of claim 1, wherein the communication is initiated by the user initiating the communication through an edge switch in the local geographic area of the user initiating the communication to the web-enabled processing system, and the communication is routed via a non-toll communication network by the web-enabled processing system through an edge switch to the communications device of the intended recipient of the users.

7. (Currently Amended) The method of claim 1, wherein the control criteria execute any one of the following operations to implement features, including:

a) selective call forwarding whereby the a call request from an initiating communications device is forwarded to a particular communications device of an intended recipient of the users based on either a time of the communication or the user initiating the communication; and

b) conditional blocking of the communication based on either a time of the communication or the user initiating the communication.

8. (Previously Presented) The method of claim 1, wherein the web-enabled processing system receives the communication via the switching facility, which comprises a tandem switch in the network, which is a circuit switched network.

9. (Currently Amended) The method of claim 1, further comprising the step of:

providing access to the web-enabled processing system, via the ~~Internet~~ web server for certain of the users to obtain information regarding the one or more communications either received or initiated by certain of the users.

10. (Currently Amended) The method of claim 1, further comprising the steps of: providing access to the web-enabled processing system via the web server, for certain of the users to initiate a communication to a third party, the web-enabled processing system routing the communication to the third party; and establishing communication with the third party after the web-enabled processing system connects a user's communications device to a communications device of the third party.

11. (Currently Amended) The method of claim 10, wherein said step of providing access to said web-enabled processing system via the web server comprises using the Internet to communicate a telephone number to said web-enabled processing system for placing a call to said third party.

12-24. (Canceled)

25. (Previously Presented) The method of claim 1, wherein the communication is a call.

26. (Previously Presented) The method of claim 1, wherein the communication is a message.

27. (Previously Presented) The method of claim 9, wherein the information regarding the one or more communications either received or initiated by the users includes call detail recording.

28. (Previously Presented) The method of claim 9, wherein the information regarding the one or more communications either received or initiated by the users includes web based billings.

29. (Currently Amended) The method of claim 1, wherein the control criteria ~~for the intended recipient is configured to~~ includes facilitating ~~facilitate~~ a communications link to the user initiating a communication.

30. (Currently Amended) A method of providing a user interaction system to enable users to control routing of one or more communications between a calling party and a called party through user input, the user interaction system comprising a web server coupled to ~~the Internet, and~~ a controller with access to at least two communication networks, wherein at least one of the networks is a packet network configured to support voice over IP (“VOIP”), and the second network is coupled to a switching facility of a network comprising at least one of the ~~networks comprises~~ edge switches for routing calls from and to users within a local geographic area and switching facilities for routing calls to other edge switches or other switching facilities local or in other geographic areas, comprising the steps of.

providing a website for the users to view features associated with the routing of the one or more communications;

facilitating certain of the users to sign up to become subscribers of the communication networks through the entry of user personal data through the website;

granting access to authorized ones of the users;

providing a menu of available features, via the website, for the users to make feature selections;

processing of feature selections into control criteria;

receiving and storing the control criteria in a database associated with the server, the controller, or both;

receiving a communication request at the controller, from the calling party to an intended called party;

upon receiving the communication request, utilizing the controller to retrieve at least a portion of the control criteria relating to the user to determine a possible route for the one or more communications from the calling party; and

executing the control criteria to facilitate the routing of the one or more communications across at least one of the at least two networks.

31. (Previously Presented) A method according to claim 30, wherein the one or more communications is a call between the calling party and the called party.

32. (Previously Presented) A method according to claim 30, wherein the one or more communications is a message transmitted from the calling party for the called party.

33. (Previously Presented) A method according to claim 30, wherein the personal data entered by the users include a valid credit card number.

34. (Previously Presented) A method according to claim 30, wherein personal data entered by the users is verified via the Internet.

35. (Currently Amended) A method according to claim 30, wherein a user interaction ~~before a user makes the feature selections~~ includes the selection of a phone number.

36. (New) The method of claim 25 where routing of the first call comprises initiating a second call leg.

37. (New) The method of claim 1 where the web-enabled processing system has a distributed architecture located in multiple locations.

38. (New) The method of claim 1 where the web-enabled processing system has a distributed architecture incorporating multiple subsystems.

39. (New) The method of claim 32 where a subsystem is used to complete the communications link between the user initiating the communication and the intended recipient of the users, when the intended recipient of the users accepts the communication from the user initiating the communication.

40. (New) The method of claim 30, wherein the second network is a VOIP network.

41. (New) The method of claim 30, wherein the control criteria includes security measures.

42. (New) The method of claim 41, wherein the security measures include the prevention or denial of service attacks.

43. (New) The method of claim 30, wherein the switching facility performs a class 4 switching function.

44. (New) The method of claim 30, wherein switching facility is a tandem switch.

45. (New) The method of claim 30, wherein the switching facility employs a signaling transfer point (STP).

46. (New) The method of claim 30, wherein the controller is a tandem access controller (TAC).

47. (New) The method of claim 30, wherein the controller utilizes the VOIP architecture.

48. (New) The method of claim 30, wherein the controller utilizes a circuit switching architecture.

49. (New) The method of claim 30, wherein the controller utilizes an ATM switching architecture.

50. (New) The method of claim 31, wherein the routing of the call includes initiating a second call leg.

51. (New) The method of claim 30, wherein the controller comprises a distributed architecture spanning multiple locations.

52. (New) The method of claim 41, wherein the security measures include call logging.

53. (New) The method of claim 41, wherein the security measures include web based billing.

54. (New) The method of claim 41, wherein the security measures include authentication of the calling party.

55. (New) The method of claim 41, wherein the security measures include conditional call blocking.

REMARKS

Further to the notice of allowance and a telephone interview with the Examiner on October 28, 2011, Applicants request the above amendments to the claims. The Applicants and the undersigned appreciate the Examiner's courtesy during the telephone interview. By this amendment, Applicants have amended claims 1, 3-5, 7, 9-11, 29-30, and 35 to further clarify them and have added dependent claims 36-55 for the Examiner's consideration.

Favorable consideration and continued allowance of the claims, as amended, is respectfully solicited. In the event these amendments are not acceptable to the Examiner, the Examiner is kindly requested to call the undersigned.

Respectfully submitted,

Dated: November 4, 2011

By: /Reena Kuyper/
Reena Kuyper
Registration No. 33,830

9229 Sunset Blvd., Suite 630
Los Angeles, CA 90069
(310) 247-2860

Electronic Patent Application Fee Transmittal

Application Number:	11428822
Filing Date:	05-Jul-2006
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Filer:	Reena Kuyper
Attorney Docket Number:	TLM-103C1CON2

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	19	30	570

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Extension-of-Time:

Ex. 1020
YMax Corporation

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				570

Electronic Acknowledgement Receipt

EFS ID:	11334752
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	49637
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	TLM-103C1CON2
Receipt Date:	04-NOV-2011
Filing Date:	05-JUL-2006
Time Stamp:	02:09:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$570
RAM confirmation Number	7255
Deposit Account	503102
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		TLM-103C1CON2_Amendment_Under_312_Final_11-4-11.pdf	47860 5670d5c940c1283c4e5ab153e28f7fa878c520c8	yes	10

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment after Notice of Allowance (Rule 312)	1	1
Claims	2	9
Applicant Arguments/Remarks Made in an Amendment	10	10

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30273 f3ab4012582401a66780514672529b2de852ffe2	no	2
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New International Application Filed with the USPTO as a Receiving Office

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NOTICE OF ALLOWANCE AND FEE(S) DUE

49637 7590 10/07/2011
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

Table with 2 columns: EXAMINER (AL AUBAIDI, RASHA S), ART UNIT (2614), PAPER NUMBER (4565)

DATE MAILED: 10/07/2011

Table with 5 columns: APPLICATION NO. (11/428,822), FILING DATE (07/05/2006), FIRST NAMED INVENTOR (Samuel F. Wood), ATTORNEY DOCKET NO. (TLM-103C1CON2), CONFIRMATION NO. (4565)

TITLE OF INVENTION: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

Table with 7 columns: APPLN. TYPE (nonprovisional), SMALL ENTITY (YES), ISSUE FEE DUE (\$870), PUBLICATION FEE DUE (\$300), PREV. PAID ISSUE FEE (\$0), TOTAL FEE(S) DUE (\$1170), DATE DUE (01/09/2012)

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

49637 7590 10/07/2011
BERRY & ASSOCIATES P.C.
 9229 SUNSET BOULEVARD
 SUITE 630
 LOS ANGELES, CA 90069

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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11/428,822 07/05/2006 Samuel F. Wood TLM-103C1CON2 4565

TITLE OF INVENTION: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$870 \$300 \$0 \$1170 01/09/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
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AL AUBAIDI, RASHA S 2614 379-211010

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
---	--

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Ex. 1020



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 11/428,822, 07/05/2006, Samuel F. Wood, TLM-103C1CON2, 4565

49637 7590 10/07/2011
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

EXAMINER

AL AUBAIDI, RASHA S

ART UNIT PAPER NUMBER

2614

DATE MAILED: 10/07/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1065 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1065 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

Application No.

11/428,822

Examiner

RASHA AL AUBAIDI

Applicant(s)

WOOD ET AL.

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to an RCE filed 08/12/2011.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 1-11 and 25-35 which have been renumbered as 1-22.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____ .
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 08/12/2011
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413), Paper No./Mail Date _____ .
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Rasha S AL-Aubaidi/
Primary Examiner, Art Unit 2614

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 08/12/2011 has been entered.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

in an independent claim 1, a method for providing user control of routing of one or more communications between users of one or more communications networks, the user control performed-by a web-enabled processing system connected to operate at least in part with one or more communication networks, wherein at least one of the communication networks is a network comprising edge switches for routing calls to other edge switches or other switching facilities local or in other geographic areas. The method of claim 1 also comprises the steps of: "facilitating access by authorized users to the web-enabled processing system, via the internet, the web enabled processing system coupled to at least one of the switching facilities of the network" and "executing control criteria, via the web-enabled processing system' to control the routing of the one or more communications via the web-enabled processing system, the control criteria predetermined by the users via the Internet before the control criteria are executed via

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the web-enabled processing system" as recited in claim 1 is neither taught or made fairly obvious by the prior art or record.

Independent claim 30 carries a subject matter that is similar to independent claim 1.

Note that Applicant's IDS forms 1449 filed on 08/12/2011 have been carefully considered. However, none of the prior art found nor the IDS clearly teach or fairly suggest the subject matter if independent claims 1 and 30.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S. AL-Aubaidi whose telephone number is (571) 272-7481. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published

Art Unit: 2614

applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Rasha S AL-Aubaidi/


Primary Examiner, Art Unit 2614

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6574328".pn.	US-PGPUB; USPAT	OR	ON	2011/09/29 17:53
L2	1162	379/211.02.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/29 17:54
L3	225	379/224.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/29 17:55
L4	537	379/221.08.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/29 17:55
L5	132	379/221.11.ccls.	US-PGPUB; USPAT	OR	ON	2011/09/29 17:55
L6	172	((provid\$ or allow\$) near4 (user or subscriber)) near6 ((control or controlling) near5 (routing))	US-PGPUB; USPAT	OR	ON	2011/09/29 17:56
L7	18	(edge near2 switch) near4 (local near4 area)	US-PGPUB; USPAT	OR	ON	2011/09/29 17:57
L8	1665	(execut\$ near4 (control or controlling)) near5 (feature or criteria)	US-PGPUB; USPAT	OR	ON	2011/09/29 17:59
L9	0	6 same 8	US-PGPUB; USPAT	OR	ON	2011/09/29 17:59
L10	2	7 and 8	US-PGPUB; USPAT	OR	ON	2011/09/29 18:00
L11	1	"7324635".pn.	US-PGPUB; USPAT	OR	ON	2011/09/29 18:03

9/ 29/ 2011 6:03:58 PM

Search Notes 	Application/Control No. 11428822	Applicant(s)/Patent Under Reexamination WOOD ET AL.
	Examiner RASHA S AL AUBAIDI	Art Unit 2614

SEARCHED			
Class	Subclass	Date	Examiner
379	224, 221.11, 221.08	9/29/10	R.S
379	211.01 and updated search for 224, 221.00 & 221.08	09/29/2011	R.S

SEARCH NOTES		
Search Notes	Date	Examiner
Searched EAST (US PAT & PGPUB)	9/29/10	R.S
Updated EAST search (US PAT & PGPUB)	05/06/2011	R.S
Updated EAST search (US PAT & PGPUB)	09/29/2011	R.S

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
	Pgpub text search, see intereference search	05/06/2011	R.S
	Pgpub text search, see intereference search	09/29/2011	R.S

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	user near1 control near1 performed near1 by near1 web near1 enabled near1 processing near1 system near1 connected near1 operate near1 least near1 part near1 "one" near1 more near1 communication near1 networks.cfm.	US-PGPUB; USPAT	OR	ON	2011/09/30 13:12
L2	0	communication near1 networks near1 network near1 comprising near1 edge near1 switches near1 routing near1 calls near1 from near2 users near1 within near1 local near1 geographic near1 area near1 switching near1 facilities near1 routing near1 calls near1 other near1 edge near1 switches.cfm.	US-PGPUB; USPAT	OR	ON	2011/09/30 13:14
L3	0	facilitating near1 access near1 authorized near1 users near2 web near1 enabled near1 processing near1 system near1 via near1 internet near2 web near1 enabled near1 processing near1 system near1 coupled near2 least near1 one near2 switching near1 facilities near2 network.cfm.	US-PGPUB; USPAT	OR	ON	2011/09/30 13:17
L4	0	executing near1 control near1 criteria near1 via near1 web near1 enabled near1 processing near1 system near1 control near1 routing near2 "one" near1 more near1 communications near1 via near1 web near1 enabled near1 processing near1 system.cfm.	US-PGPUB; USPAT	OR	ON	2011/09/30 13:19
L5	0	control near1 criteria near1 predetermined near2 users near1 via near1 Internet near1 before near1 control near1 criteria near1 executed near2 web near1 enabled near1 processing near1 system.cfm.	US-PGPUB; USPAT	OR	ON	2011/09/30 13:22
L6	0	1 and 2 and 3 and 4 and 5	US-PGPUB; USPAT	OR	ON	2011/09/30 13:22

9/ 30/ 2011 1:22:59 PM


FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	4,310,726	01-12-1982	Asmuth	179	18	02-04-1980	
	5,673,262	09-30-1997	Shimizu	370	395	11-07-1995	
	5,848,140	12-08-1998	Foladare et al.	379	201	12-29-1995	
	5,991,310	07-09-1997	Katko	370	522	07-09-1997	
	2007/0041526	02-2007	Hill et al.	379	88.21	10-27-2006	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATI YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
EXAMINER INITIAL		
	1	Dowden, Douglas C., et al., "The Future of Network-Provided Communications Services," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 3-10
	2	Foard, C.F., "Teaming Switches and Computers for Customer Applications," <i>AT&T Technology</i> , 1991; 6, 4; Research Library, pp. 32-38
	3	Foster, Robin Harris, "Computer-Telephone Integration Goes Global," <i>AT&T Technology</i> , Autumn 1995; 10, 3; Research Library, pp. 18-22
	4	Kozik, Jack, et al., "On Opening PSTN to Enhanced Voice/Data Services – The PINT Protocol Solution," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 153-165
	5	Lui, Anthony Y., et al., "The Enhanced Service Manager: A Service Management System for Next-Generation Networks," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 130-144
	6	Reisfield, E.S., "Customers Take Control of the AT&T Network," <i>AT&T Technology</i> , 1991; 6, 1; Research Library, pp. 44-48
	7	Sijben, Paul G., et al, "Bridging the Gap to IP Telephony," <i>Bell Labs Technical Journal</i> , October-December 1998, pp. 192-207

EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/30/2011
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

Issue Classification 	Application/Control No. 11428822	Applicant(s)/Patent Under Reexamination WOOD ET AL.
	Examiner RASHA AL AUBAIDI	Art Unit 2614

ORIGINAL				INTERNATIONAL CLASSIFICATION											
CLASS		SUBCLASS		CLAIMED				NON-CLAIMED							
379		211.01		H	0	4	M	3 / 42 (2006.0)							
CROSS REFERENCE(S)				H	0	4	M	7 / 00 (2006.0)							
				H	0	4	L	12 / 66 (2006.0)							
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)														
379	224														
370	352														

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	17	30												
2	2	18	31												
3	3	19	32												
4	4	20	33												
5	5	21	34												
6	6	22	35												
7	7														
8	8														
9	9														
12	10														
13	11														
14	25														
15	26														
10	27														
11	28														
16	29														

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	22
/RASHA AL AUBAIDI/ Primary Examiner. Art Unit 2614	09/29/2011	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
		O.G. Print Figure
		1

**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)**

Application Number	11428822	Filing Date	2006-07-05	Docket Number (if applicable)	TLM-103C1CON2	Art Unit	2614
First Named Inventor	Samuel F. Wood			Examiner Name	Al Aubaidi, Rasha S.		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

Other _____

Enclosed

Amendment/Reply

Information Disclosure Statement (IDS)

Affidavit(s)/ Declaration(s)

Other _____

MISCELLANEOUS

Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 503102

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

Applicant Signature

Signature of Registered U.S. Patent Practitioner			
Signature	/Reena Kuyper/	Date (YYYY-MM-DD)	2011-08-12
Name	Reena Kuyper	Registration Number	33830

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
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4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Application No.: 11/428,822

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)	Customer No.:	49,637
)		
Samuel F. WOOD, et al.	)	Confirmation No.:	4565
)		
Serial No.: 11/428,822	)	Group Art Unit:	2614
)		
Filed: July 5, 2006	)	Examiner:	Al Aubaidi, Rasha S.
)		
For: TANDEM ACCESS CONTROLLER	)	Docket No.:	TLM-103.C1CON2
WITHIN THE PUBLIC SWITCHED)		
TELEPHONE NETWORK)		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT SUBMITTED WITH
REQUEST FOR CONTINUED EXAMINATION (“RCE”)

Dear Sir:

The **Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this submission.

The **Remarks/Arguments** begin on page 8 of this submission.

IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*with underlining*) and deleted subject matter (*with strikethrough*), as well as the current status of each claim. This listing of claims will replace all prior versions and listings of the claims in this application:

1. (Currently Amended) A method for ~~selectively routing~~ providing user control of routing of one or more communications between users of one or more communications networks, wherein the users either 1) initiate a communication, 2) receive a communication, or 3) control a communication, the ~~routing user control~~ performed by a web-enabled processing system connected to operate at least in part with the one or more communication networks, wherein at least one of the communication networks is a network comprising edge switches for routing calls from and to users within a local geographic area and switching facilities for routing calls to other edge switches or other switching facilities local or in other geographic areas, the web-enabled processing system facilitating direct access by a user to the at least one of the switching facilities, the user having a communications device with which to communicate with the web-enabled processing system, the method comprising the steps of:

facilitating access by authorized users to the web-enabled processing system, via ~~the Internet by authorized users~~, the web-enabled processing system coupled to at least one of the switching facilities of the network, ~~facility for a local area with respect to a specific one of the users and~~ the web-enabled processing system configured to route a communication ~~via the web-enabled processing system~~ from ~~the~~ a specific one of the users to an intended recipient of the users,

executing ~~features~~ control criteria, via the web-enabled processing system, to control the routing of the one or more communications via the web-enabled processing system, the ~~features~~ control criteria ~~being~~ predetermined by the users via the Internet before the ~~features~~ control criteria are executed via the web-enabled processing system,

wherein the web-enabled processing system ~~performing~~ is configured to perform the following operations to execute the ~~features~~ control criteria:

first, ~~receiving~~ receive a message indicating a communication request from a user initiating a communication for an intended recipient user, wherein the message request is transmitted using a signalling protocol of the at least one communication network;

second, ~~validating~~ validate and ~~acknowledging~~ acknowledge said communications request without first forwarding said request to a terminating edge switch within the geographic area of the intended recipient of the users geographic area;

third, ~~determining~~ determine the ~~features~~ control criteria for the intended recipient ~~user~~ of the users;

fourth, ~~facilitate selecting~~ a routing path over the at least one communication network in accordance with the ~~features~~ control criteria for the intended recipient user;

fifth, ~~routing~~ route the communication in accordance with the ~~features~~ control criteria, and

sixth, ~~completing~~ complete a communications link between the user initiating the communication and the intended recipient ~~user~~ of the users, when the intended recipient ~~of the users~~ user accepts the communication from the user initiating the communication.

2. (Currently Amended) The method of claim 1, wherein the user initiating the communication uses a first telephone number, and the web-enabled processing system for routing the communication in accordance with the ~~features~~ control criteria routes the communication to a communications device designated by the intended recipient ~~user~~ of the users, which that is reached by using a second telephone number.

3. (Currently Amended) The method of claim 1, wherein communications device of the intended recipient user's of the users communications device is a telephone, and wherein the intended recipient ~~user~~ of the users, by accepting the communication causes the web-enabled processing system to connect a communication device of the user initiating the communication to the telephone of the intended recipient of the users user's telephone.

4. (Currently Amended) The method of claim 1, wherein the communication device of the intended recipient of the users user's communications device is a telephone, and wherein

the intended recipient ~~user of the users~~ by answering the communication, ~~causes~~ can designate control criteria to the web-enabled processing system to connect a communication device of the user initiating the communication to a device other than the telephone of the intended recipient of the users ~~user's telephone~~, ~~as designated by the intended recipient user during the step of selecting features.~~

5. (Currently Amended) The method of claim 1, wherein the communications device of the intended recipient of the users ~~user's communications device~~ is a computer, and wherein upon ~~answering~~ accepting the communication, the web-enabled processing system ~~causes the web-enabled processing system to connect~~ connects a communication device of the user initiating a communication to a the computer of the intended recipient ~~user of the users~~.

6. (Currently Amended) The method of claim 1, wherein the communication is initiated by the user initiating the communication through an edge switch in the local geographic area of the user initiating the communication to the web-enabled processing system, and the communication is routed via a non-toll communication network ~~by~~ by the web-enabled communication network processing system through an edge switch to the communications device of the intended recipient of the users ~~user's communications device~~.

7. (Currently Amended) The method of claim 1, wherein the ~~features~~ control criteria ~~comprise~~ execute any one of the following operations to implement features, including:

- a) selective call forwarding whereby the a call request from an initiating communication device is forwarded to a particular communications device of an intended recipient of the users based on either a time of the communication ~~and~~ or the user initiating the communication; and
- b) conditional blocking of the communication based on either a time of the communication or the user initiating the communication.

8. (Currently Amended) The method of claim 1, wherein the web-enabled processing system receives the communication via the switching facility, which comprises a tandem switch in ~~a communication~~ the network, which is a circuit switched network.

9. (Currently Amended) The method of claim 1, further comprising the step of: providing access to ~~accessing~~ the web-enabled processing system, which ~~comprises a controller, by the users~~ via the Internet for certain of the users to obtain information regarding the one or more communications either received or initiated by certain of the users.
10. (Currently Amended) The method of claim 1, further comprising the steps of: providing access to ~~accessing~~ the web-enabled processing system, for certain of the users to initiate a communication ~~by the user~~ to a third party, the web-enabled processing system routing the communication to the third party; and establishing communication ~~communicating~~ with the third party after the web-enabled processing system connects ~~the a~~ user's communications device to a communications device of the third party.
11. (Currently Amended) The method of claim ~~4~~ 10, wherein said step of providing access to ~~accessing~~ said ~~TAC~~ web-enabled processing system comprises using the Internet to communicate a telephone number to said ~~TAC~~ web-enabled processing system for placing a call to said third party.
- 12-24. (Canceled)

Please add the following new claims:

25. (New) The method of claim 1, wherein the communication is a call.
26. (New) The method of claim 1, wherein the communication is a message.
27. (New) The method of claim 9, wherein the information regarding the one or more communications either received or initiated by the users includes call detail recording.

28. (New) The method of claim 9, wherein the information regarding the one or more communications either received or initiated by the users includes web based billings.

29. (New) The method of claim 1, wherein the control criteria for the intended recipient is configured to facilitate a communications link to the user initiating a communication.

30. (New) A method of providing a user interaction system to enable users to control routing of one or more communications between a calling party and a called party, through user input, the user interaction system comprising a server coupled to the Internet, and a controller with access to at least two communication networks, wherein at least one of the networks is a packet network configured to support voice over IP (“VOIP”), and at least one of the networks comprises edge switches for routing calls from and to users within a local geographic area and switching facilities for routing calls to other edge switches or other switching facilities local or in other geographic areas, comprising the steps of.

providing a website for the users to view features associated with the routing of the one or more communications;

facilitating certain of the users to sign up to become subscribers of the communication networks through the entry of user personal data through the website;

granting access to authorized ones of the users;

providing a menu of available features, via the website, for the users to make feature selections;

processing of feature selections into control criteria;

receiving and storing the control criteria in a database associated with the server, the controller, or both;

receiving a communication request at the controller, from the calling party to an intended called party ;

upon receiving the communication request, utilizing the controller to retrieve at least a portion of the control criteria relating to the user to determine a possible route for the one or more communications from the calling party; and

executing the control criteria to facilitate the routing of the one or more communications across at least one of the at least two networks.

31. (New) A method according to claim 30, wherein the one or more communications is a call between the calling party and the called party.

32. (New) A method according to claim 30, wherein the one or more communications is a message transmitted from the calling party for the called party.

33. (New) A method according to claim 30, wherein the personal data entered by the users include a valid credit card number.

34. (New) A method according to claim 30, wherein personal data entered by the users is verified via the Internet.

35. (New) A method according to claim 30, wherein a user interaction before a user makes the feature selections includes the selection of a phone number.

REMARKS

This Amendment is submitted with a Request for Continued Examination (“RCE”). Claims 1-11 stand allowed and claims 2-24 were canceled, without prejudice. The Examiner’s allowance of claims 1-11 is graciously accepted. By this Amendment, Applicants have refined the allowed claims to more clearly recite certain limitations and have introduced additional claims 25-35 for the Examiner’s consideration.

Favorable reconsideration of the allowed claims, as amended, and the newly presented claims 25-35 is respectfully requested. In the event there are any issues with the claims presented for examination, Applicants request the Examiner to resolve them in a personal or telephonic interview to quickly conclude prosecution of this application.

Respectfully submitted,

BERRY & ASSOCIATES P.C.

Dated: August 12, 2011

By: /Reena Kuyper/
Reena Kuyper
Registration No. 33,830

9229 Sunset Blvd., Suite 630
Los Angeles, CA 90069
(310) 247-2860

Electronic Patent Application Fee Transmittal

Application Number:	11428822
Filing Date:	05-Jul-2006
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Filer:	Reena Kuyper
Attorney Docket Number:	TLM-103C1CON2

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	2801	1	405	405
Total in USD (\$)				405

Electronic Acknowledgement Receipt

EFS ID:	10731422
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	49637
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	TLM-103C1CON2
Receipt Date:	12-AUG-2011
Filing Date:	05-JUL-2006
Time Stamp:	23:08:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$405
RAM confirmation Number	6170
Deposit Account	503102
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

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Ex. 1020

YMax Corporation

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		TLM-103C1CON2_IDS_after_RCE_before_OA_Final_8-12-11.pdf	93545 eba59c6dc39a57163ce372a1386520e7b13f58be	yes	6
Multipart Description/PDF files in .zip description					
	Document Description		Start		End
	Transmittal Letter		1		5
	Information Disclosure Statement (IDS) Form (SB08)		6		6
Warnings:					
Information:					
2	Non Patent Literature	1_Dowden_et_alEFS.pdf	3043566 2b7ce0d1f2e085468885531874d3cbeaeed1d7d0	no	8
Warnings:					
Information:					
3	Non Patent Literature	2_FoardEFS.pdf	1121821 1cc0ad966d29c09034619d043bcbe4382d0932a6	no	7
Warnings:					
Information:					
4	Non Patent Literature	3_FosterEFS.pdf	1127036 2f8b5193da00f97c8e14aa92514d98b584db5416	no	5
Warnings:					
Information:					
5	Non Patent Literature	4_Kozik_et_alEFS.pdf	4271696 6dff9243caa07e5d424bb78aca74be0c73687b51	no	13
Warnings:					
Information:					
6	Non Patent Literature	5_Lui_et_alEFS.pdf	4670475 de9f3ed088d5bc487e8ef40c5d794cbea993045c	no	15
Warnings:					
Information:					

7	Non Patent Literature	6_ReisfieldEFS.pdf	1247566 cb6aead0d2cd8454ebdd7df8a2ec9b2d81689dfd	no	5
Warnings:					
Information:					
8	Non Patent Literature	7_Sijben_et_alEFS.pdf	3072587 a3a959269696953f08580d8defed4cb05cdc7	no	16
Warnings:					
Information:					
9	Request for Continued Examination (RCE)	TLM-103C1CON2_RCE_8-12-11.pdf	768860 628976b06d9bb80d1fe9fbc0dc6c6995272b793	no	3
Warnings:					
Information:					
10		TLM-103C1CON2_Amendment_with_RCE_after_allowance_final-8-12-11.pdf	46161 73c425a0e05d1bad2b7c1c6862a69a9cb56f2c5d	yes	8
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	7	
	Applicant Arguments/Remarks Made in an Amendment		8	8	
Warnings:					
Information:					
11	Fee Worksheet (SB06)	fee-info.pdf	30249 dc681c05ae4389e6301636e18b99d41a26da5241	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			19493562		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)	Customer No.:	49,637
)		
Samuel F. WOOD, et al.	)	Confirmation No.:	4565
)		
Serial No.: 11/428,822	)	Group Art Unit:	2614
)		
Filed: July 5, 2006	)	Examiner:	Al Aubaidi, Rasha S.
)		
For: TANDEM ACCESS CONTROLLER)		
WITHIN THE PUBLIC SWITCHED)		
TELEPHONE NETWORK)		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the continuing duty of disclosure under 37 CFR § 1.56, 37 CFR §§ 1.97, and 1.98, Applicants bring the following documents to the attention of the Examiner, which may be of possible interest to the subject matter of this application. Each of these documents is also listed on the attached form PTO-1449. Applicants are providing copies of the listed documents, except for U.S. patents and U.S. patent application publications, which Applicants assume are easily available to the Examiner. In the event the Examiner would like copies of these patents and patent application publications, the Examiner is requested to kindly advise the undersigned. Applicants respectfully request the Examiner to consider and make these documents of record with respect to this application.

Application No.: 11/428,822

U.S. Patents & Patent Application Publications:

<u>U.S. Patent</u>	<u>Issue/Publication Date</u>	<u>Inventor(s)</u>
4,310,726	01-12-1982	Asmuth
5,673,262	09-30-1997	Shimizu
5,848,140	12-08-1998	Foladare et al.
5,991,310	07-09-1997	Katko
2007/0041526	02-2007	Hill et al.

1. U.S. Patent No. 4,310,726 -Method of Identifying a Calling Station at a Call Terminating Facility
Asmuth

This patent discloses a method of creating a database of call stations and routing calls to an identified called party and providing the identity of a calling Station to a call terminating facility.

2. U.S. Patent No. 5,673,262 - Communication Network comprising transit Switches without Asynchronous transfer Mode Capability
Shimizu

This patent discloses a communication system comprising an ATM (Asynchronous Transfer Mode) cross-connect and a signaling network. This patent also discloses methods for managing the signaling network and the communication bandwidth.

3. U.S. Patent No. 5,848,140 - Multi-Network Feature Application
Foladare

This patent discloses a method for a carrier to apply its services to a user that may originate from a different carrier. With this method, calls route all the way to the end office.

4. U.S. Patent No. 5,991,310 -Method and Apparatus for Bypassing Local Exchange Carriers to Permit an Independent Central Office to Provide Calling Services.
Katko

This patent addresses a method and technique for bypassing a LEC (Local Exchange Carrier) in order to reduce or eliminate the access charges typically payable to an IXC (Interexchange

Application No.: 11/428,822

Carrier), which reduces subscriber costs. This patent is directed to network control and ways of connecting to the requisite facilities.

5. U.S. Patent Publication US2007/0041526 A1-System and Method for Privacy Management
Hill et al

This published patent application discloses a privacy management system and method, whereby callers can manage and monitor their inbound calls and segregate between calls that are desired and those that are not. This published patent application is a continuation of several patent applications, which share the same specification, and have issued under Patent Nos. 6,542,596, 6,876,735, 7,136,472. This published patent application and its issued parent patents disclose a caller ID tagging feature.

Note: U.S. Patent No. 7,436,851, cited in an information disclosure statement submitted on June 7, 2010, inadvertently defined ATM as “Automated Teller Machine” instead of “Asynchronous Transfer Mode.” This reference describes using ATM (Asynchronous Transfer Mode) and other transmission facilities for routing within IP or PSTN networks.

Other References:

1 Dowden, Douglas C., et al., “The Future of Network-Provided Communications Services,” Bell Labs Technical Journal, July-September 2000, pp. 3-10

This article announces the next generation of services that will be enabled by endpoint intelligent servers. The article is an overview of the new services and is published after Applicants’ filing date. This article is not prior art, and is cited simply to inform on emerging technologies.

2 Foard, C.F., “Teaming Switches and Computers for Customer Applications,” AT&T Technology, 1991; 6, 4; Research Library, pp. 32-38

This article discusses new integration schemes of computers into PBXs. It discusses the many benefits that such integration of computers and PBXs would bring.

3 Foster, Robin Harris, “Computer-Telephone Integration Goes Global,” AT&T Technology, Autumn 1995; 10, 3; Research Library, pp. 18-22

This article discloses new integration schemes of computer and telephony and the benefits obtained in the future from such integration. The article highlights Call Center applications.

Application No.: 11/428,822

4 Kozik, Jack, et al., "On Opening PSTN to Enhanced Voice/Data Services – The PINT Protocol Solution," Bell Labs Technical Journal, July-September 2000, pp. 153-165

This article discloses suggested protocols for connecting the PSTN to the internet. It is published after Applicants' filing date. This article is not prior art, and is cited simply to inform on emerging technologies.

5 Lui, Anthony Y., et al., "The Enhanced Service Manager: A Service Management System for Next-Generation Networks," Bell Labs Technical Journal, July-September 2000, pp. 130-144

This article discusses the next generation of intelligent networks and their architectures and benefits. Their architectures are different. Moreover, this article is published after Applicants' filing date and therefore, it is not prior art. It is disclosed here simply to inform on emerging trends.

6 Reisfield, E.S., "Customers Take Control of the AT&T Network," AT&T Technology, 1991; 6, 1; Research Library, pp. 44-48

This article discusses a product offering from AT& T, "The Accumasters Services Workstation," which gives users the ability, e.g., to monitor their inbound traffic and use the SDN (Software Defined Network) tools from AT&T. The article is an overview of the new services that were offered then.

7 Sijben, Paul G., et al., "Bridging the Gap to IP Telephony," Bell Labs Technical Journal, October-December 1998, pp. 192-207

This article discloses suggested protocols for connecting the PSTN to the internet and managing the converged network.

This Supplemental Information Disclosure Statement is timely submitted under 37 CFR §1.97(b)(4), that is, before the mailing of a first Office action after the filing of a request for continued examination ("RCE") under § 1.114. Thus, no petition or fee is required. However, if the undersigned representative of Applicants is in error in this regard, then the Examiner is requested to consider this Supplemental Information Disclosure as filed under §1.97(c) and is further authorized to charge any fee required by its filing to Berry & Associates P.C.'s Deposit Account No. **50-3102**.

Application No.: 11/428,822

Respectfully submitted,
BERRY & ASSOCIATES P.C.

Dated: August 12, 2011

By: /Reena Kuyper/
Reena Kuyper
Registration No. 33,830

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Customer No. 49,637

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	4,310,726	01-12-1982	Asmuth	179	18	02-04-1980	
	5,673,262	09-30-1997	Shimizu	370	395	11-07-1995	
	5,848,140	12-08-1998	Foladare et al.	379	201	12-29-1995	
	5,991,310	07-09-1997	Katko	370	522	07-09-1997	
	2007/0041526	02-2007	Hill et al.	379	88.21	10-27-2006	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATI YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
EXAMINER INITIAL		
	1	Dowden, Douglas C., et al., "The Future of Network-Provided Communications Services," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 3-10
	2	Foard, C.F., "Teaming Switches and Computers for Customer Applications," <i>AT&T Technology</i> , 1991; 6, 4; Research Library, pp. 32-38
	3	Foster, Robin Harris, "Computer-Telephone Integration Goes Global," <i>AT&T Technology</i> , Autumn 1995; 10, 3; Research Library, pp. 18-22
	4	Kozik, Jack, et al., "On Opening PSTN to Enhanced Voice/Data Services – The PINT Protocol Solution," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 153-165
	5	Lui, Anthony Y., et al., "The Enhanced Service Manager: A Service Management System for Next-Generation Networks," <i>Bell Labs Technical Journal</i> , July-September 2000, pp. 130-144
	6	Reisfield, E.S., "Customers Take Control of the AT&T Network," <i>AT&T Technology</i> , 1991; 6, 1; Research Library, pp. 44-48
	7	Sijben, Paul G., et al, "Bridging the Gap to IP Telephony," <i>Bell Labs Technical Journal</i> , October-December 1998, pp. 192-207

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/428,822	Filing Date 07/05/2006	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			SMALL ENTITY <input checked="" type="checkbox"/>		OR	OTHER THAN SMALL ENTITY	
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 = *	*	X \$ =			X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 = *	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					SMALL ENTITY		OR	OTHER THAN SMALL ENTITY		
AMENDMENT	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	08/12/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR				OR		
	Total (37 CFR 1.16(i))	* 22	Minus	** 24	= 0	X \$26 =	0		X \$ =	
Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X \$110 =	0		X \$ =		
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))							OR			
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE		


AMENDMENT	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR				OR		
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		OR	X \$ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =		
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))							OR			
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
 /DAVINA G. BUTLER/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application Number 	Application/Control No. 11/428,822	Applicant(s)/Patent under Reexamination WOOD ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL
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TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 07 MAR 2011	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
JAB

U.S. Patent and Trademark Office

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	2001/0022784A1	09-2001	Menon et al.	-----	-----	-----	
	2001/0030950A1	10-2001	Chen et al.	-----	-----	-----	
Change(s) applied to document, /G.R.P./ 6/25/2011	2003/0026403A1	02-2003 11-2007	Clapper et al.	-----	-----	-----	
	2003/0040325A1	02-2003	Clark	-----	-----	-----	
	2003/0095650A1	05-2003	Mize	-----	-----	-----	
	2003/0133553A1	07-2003	Khakoo et al.	-----	-----	-----	
	2003/0156693A1	08-2003	Goldman	-----	-----	-----	
	2003/0194078A1	10-2003	Wood et al.	-----	-----	-----	
	2004/0029568A1	02-2004	DeLuca et al.	-----	-----	-----	
	2005/0041526A1	02-2005	Esmersoy et al.	-----	-----	-----	
	2005/0141500A1	06-2005	Bhandari et al.	-----	-----	-----	
	2005/0169445A1	08-2005	Harris	-----	-----	-----	
	2005/0207557A1	09-2005	Dolan et al.	-----	-----	-----	
		4,313,035	01-1982	Jordan et al.	-----	-----	-----
		4,348,554	09-1982	Asmuth	-----	-----	-----
		4,611,094	09-1986	Asmuth et al.	-----	-----	-----
		4,611,096	09-1986	Asmuth et al.	-----	-----	-----
	4,953,198	08-1990	Daly et al.	-----	-----	-----	
	4,973,837	11-1990	Bradbeer	-----	-----	-----	
	5,297,191	03-1994	Gerszberg	-----	-----	-----	
	5,311,582	05-1994	Davenport et al.	-----	-----	-----	
	5,428,663	06-1995	Grimes et al.	-----	-----	-----	

EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/29/2010
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	11/428,822
		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
Sheet <u>19</u>	of <u>22</u>	Attorney Docket Number	TEL-M-8801-1P-1C

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
		WO 98/20701	May., 1998			
		WO 98/23067	May., 1998			
		WO 98/23080	May., 1998			
		WO 98/26543	Jun., 1998			
	EP	WO 0 851 653	Jul., 1998			
	EP	WO 0 853 411 A2	Jul., 1998			

Examiner Signature	/Rasha Al Aubaidi/	Date Considered	09/29/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Ex. 1020

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /RA/

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NOTICE OF ALLOWANCE AND FEE(S) DUE

49637 7590 05/12/2011
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

Table with 2 columns: EXAMINER (AL AUBAIDI, RASHA S), ART UNIT (2614), PAPER NUMBER (4565)

DATE MAILED: 05/12/2011

Table with 5 columns: APPLICATION NO. (11/428,822), FILING DATE (07/05/2006), FIRST NAMED INVENTOR (Samuel F. Wood), ATTORNEY DOCKET NO. (TLM-103C1CON2), CONFIRMATION NO. (4565)

TITLE OF INVENTION: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

Table with 7 columns: APPLN. TYPE (nonprovisional), SMALL ENTITY (YES), ISSUE FEE DUE (\$755), PUBLICATION FEE DUE (\$300), PREV. PAID ISSUE FEE (\$0), TOTAL FEE(S) DUE (\$1055), DATE DUE (08/12/2011)

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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 LOS ANGELES, CA 90069

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/428,822	07/05/2006	Samuel F. Wood	TLM-103C1CON2	4565

TITLE OF INVENTION: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	08/12/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
AL AUBAIDI, RASHA S	2614	379-211010

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

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www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 11/428,822, 07/05/2006, Samuel F. Wood, TLM-103C1CON2, 4565

49637 7590 05/12/2011
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

EXAMINER

AL AUBAIDI, RASHA S

ART UNIT PAPER NUMBER

2614

DATE MAILED: 05/12/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1065 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1065 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

Application No.

11/428,822

Examiner

RASHA AL AUBAIDI

Applicant(s)

WOOD ET AL.

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to 03/07/2011.
- 2. The allowed claim(s) is/are 1-11.
- 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413), Paper No./Mail Date _____.
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Rasha S AL-Aubaidi/
Primary Examiner, Art Unit 2614


Issue Classification 	Application/Control No. 11428822	Applicant(s)/Patent Under Reexamination WOOD ET AL.
	Examiner RASHA AL AUBAIDI	Art Unit 2614

ORIGINAL					INTERNATIONAL CLASSIFICATION												
CLASS		SUBCLASS			CLAIMED					NON-CLAIMED							
379		211.01			H	0	4	M	3 / 42 (2006.0)								
CROSS REFERENCE(S)					H	0	4	M	7 / 00 ()								
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																
379	224																

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1														
2	2														
3	3														
4	4														
5	5														
6	6														
7	7														
8	8														
9	9														
10	10														
11	11														

NONE	Total Claims Allowed:		
(Assistant Examiner)	11		
(Date)			
/RASHA AL AUBAIDI/ Primary Examiner.Art Unit 2614	05/06/2011	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Search Notes 	Application/Control No. 11428822	Applicant(s)/Patent Under Reexamination WOOD ET AL.
	Examiner RASHA S AL AUBAIDI	Art Unit 2614

SEARCHED			
Class	Subclass	Date	Examiner
379	224, 221.11, 221.08	9/29/10	R.S
379	211.01 and updated search for 224, 221.00 & 221.08	05/06/2011	R.S

SEARCH NOTES		
Search Notes	Date	Examiner
Searched EAST (US PAT & PGPUB)	9/29/10	R.S
Updated EAST search (US PAT & PGPUB)	05/06/2011	R.S

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
	Pgpub text search, see intereference search	05/06/2011	R.S

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	selectively near1 routing near1 communications near1 between near1 users near1 "one" near1 more near1 communications near1 networks.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 09:45
L2	0	"one" near2 communication near1 networks near1 comprising near1 edge near1 switches near1 routing near1 calls near1 from near2 users near1 within near1 local near1 geographic near1 area near1 switching near1 facilities near1 routing near1 calls near1 other near1 edge near1 switches near1 other near1 switching near1 facilities near1 local near2 other near1 geographic near1 areas.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 09:49
L3	0	web near1 enabled near1 processing near1 system near1 facilitating near1 direct near2 user.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 09:51
L4	0	facilitating near1 access near2 web near1 enabled near1 processing near1 system near2 internet near1 authorized near1 users.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 09:59

L5	0	"one" near1 switching near1 facility near2 local near1 service near1 area near1 respect near2 specific near1 "one" near2 users near1 configured near1 route near1 communication near2 web near1 enabled near1 processing near1 system.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 10:02
L6	0	executing near1 features near2 web near1 enabled near1 processing near1 system near1 control near1 routing near1 communications near2 web near1 enabled near1 processing near1 system.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 10:04
L7	0	receiving near1 message near1 indicating near1 communication near1 request near1 from near1 user near1 initiating near1 communication near2 intended near1 recipient near1 user. clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 10:08
L8	0	determining near1 features near2 intended near1 recipient near1 user near1 establishing near1 communications near1 link near2 user near1 initiating near1 communication.clm.	US- PGPUB; USPAT	OR	ON	2011/05/06 10:09
L9	0	1 and 2 and 3 and 4 and 5 and 6 and 7 and 8	US- PGPUB; USPAT	OR	ON	2011/05/06 10:10

5/ 6/ 11 10:10:52 AM

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\ 09567297.wsp

Ex. 1020

YMax Corporation

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(selectively near3 routing) near5 (users or subscribers)	USPAT	OR	OFF	2011/05/06 10:30
L2	19	(selectively near3 routing) same (users or subscribers)	USPAT	OR	OFF	2011/05/06 10:30
L3	14	(edge near2 switch \$) near6 (local near3 area)	USPAT	OR	OFF	2011/05/06 10:31
L4	401	379/211.01.ccls.	USPAT	OR	OFF	2011/05/06 10:32
L5	0	2 and 3 and 4	USPAT	OR	OFF	2011/05/06 10:32
L6	0	2 and 3	USPAT	OR	OFF	2011/05/06 10:32
L7	1	(edge near2 switch \$) near6 (local near3 geographic near3 area)	USPAT	OR	OFF	2011/05/06 10:32
L8	0	((selectively near3 routing) same (users or subscribers)) near6 (access near5 (web near2 enabled))	USPAT	OR	OFF	2011/05/06 10:37
L9	0	((selectively near3 routing) same (users or subscribers)) near6 (access\$ near5 (web near2 enabled))	USPAT	OR	ON	2011/05/06 10:37

L10	285	(selectively near3 routing) same (users or subscribers)	US-PGPUB; USPAT	OR	ON	2011/05/06 10:37
L11	23	(edge near2 switch \$) near6 (local near3 area)	US-PGPUB; USPAT	OR	ON	2011/05/06 10:38
L12	23	(edge near2 switch \$) near6 (local near3 area)	US-PGPUB; USPAT	OR	ON	2011/05/06 10:39
L13	0	10 and 11	US-PGPUB; USPAT	OR	ON	2011/05/06 10:39
L14	4	4 and 10	US-PGPUB; USPAT	OR	ON	2011/05/06 10:39
L15	0	(execut\$ near5 featur\$) near6 ((web near2 enabled) near4 (processing near3 system))	US-PGPUB; USPAT	OR	ON	2011/05/06 10:43
L16	8	(featur\$) near6 ((web near2 enabled) near4 (processing near3 system))	US-PGPUB; USPAT	OR	ON	2011/05/06 10:44

5/ 6/ 11 10:47:00 AM

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TERMINAL DISCLAIMER TO OBIVATE A DOUBLE PATENTING
REJECTION OVER A "PRIOR" PATENT**Docket Number (Optional)
TLM-103C1CON2

In re Application of: Samuel F. Wood, et al.

Application No.: 11/428,822

Filed: July 5, 2006

For: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

The owner*, TELEMAZE LLC, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term **prior patent** No. 6,532,288 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said **prior patent** is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patent** are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the **prior patent**, "as the term of said **prior patent** is presently shortened by any terminal disclaimer," in the event that said **prior patent** later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. The undersigned is an attorney or agent of record. Reg. No. 33,830

/Reena Kuyper/
Signature

March 7, 2011
Date

Reena Kuyper
Typed or printed name

(310) 247-2860
Telephone Number

- Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application No.: 11/428,822
Reply to Office Action of: October 5, 2010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)	Customer No.:	49,637
)		
Samuel F. WOOD, et al.	)	Confirmation No.:	4565
)		
Serial No.: 11/428,822	)	Group Art Unit:	2614
)		
Filed: July 5, 2006	)	Examiner:	Al Aubaidi, Rasha S.
)		
For: TANDEM ACCESS CONTROLLER	)	Docket No.:	TLM-103.C1CON2
WITHIN THE PUBLIC SWITCHED)		
TELEPHONE NETWORK	)	Office Action dated:	October 5, 2010
)		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT & RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the office action dated October 5, 2010, please amend the application as indicated in the following pages. Applicants' representative requested a personal interview with the Examiner, the final date of which is still being determined. Applicants appreciate the courtesy extended by the Examiner in considering a personal interview. As the deadline for this response falls before such an interview can occur, Applicant's submit this Amendment and response, but may supplement it further to the personal interview with the Examiner.

The **Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this submission.

The **Remarks/Arguments** begin on page 6 of this submission.

IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*with underlining*) and deleted subject matter (*with strikethrough*), as well as the current status of each claim. This listing of claims will replace all prior versions and listings of the claims in this application:

1. (Currently Amended) A method for selectively routing communications between users of one or more communications networks, wherein the users either 1) initiate a communication, 2) receive a communication, or 3) control a communication, the routing performed by a user of a public switched telephone network (PSTN) by a web-enabled processing system connected to operate at least in part with the one or more communication networks, at least one of the communication networks comprising edge switches for routing calls from and to users within a local geographic area and switching facilities for routing calls to other edge switches or other switching facilities local or in other geographic areas, the web-enabled processing system facilitating direct access by a user, ~~said the user having a communications device~~ with which to communicate with the web-enabled processing system, ~~said the method comprising the steps of:~~

facilitating access to ~~accessing a remote tandem access controller (TAC) the web-enabled processing system, via the Internet by said user-authorized users, said TAC being within the PSTN the web-enabled processing system and coupled to a PSTN tandem switch~~ at least one switching facility for a local service area with respect to said user, said TAC a specific one of the users and configured to route a communication via the web-enabled processing system from the specific one of the users to an intended recipient of the users, for processing incoming calls from a calling party, via said tandem switch, intended by said calling party to be received by said user's communications device;

selecting executing features via the web-enabled processing system to control the routing of communications via the web-enabled processing system, the features being predetermined by the user the users via the Internet to be applied by said TAC to said incoming calls before the features are executed via the web-enabled processing system,

wherein ~~said TAC~~ the web-enabled processing system performing the following operations to execute the features:

first, ~~receives~~ receiving a message indicating a communication request from a user initiating a communication for an intended recipient user, the message request transmitted using a signalling protocol of the at least one communication network;

second, validating and acknowledging said communications request without first forwarding said request to a terminating edge switch within the intended recipient users geographic area;

third, determining the features for the intended recipient user and establishing a communications link to the user initiating the communication;

fourth, selecting a routing path over the at least one communication network in accordance with the features for the intended recipient user; ~~first call from a calling party intended for said the user's communication device and processes said~~

fifth, routing the communication ~~first call~~ in accordance with said ~~the~~ features, prior to the first call reaching a terminating central office ~~said method performed by said user further comprising: and~~

receiving a second call by said user from said TAC, via said tandem switch, after said first call has been processed by said TAC in accordance with said features selected and without the first call reaching the terminating central office; and

sixth, ~~completing answering said second call to cause said TAC to complete a~~ communications link between ~~said calling party and said user~~ the user initiating the communication and the intended recipient user, when the intended recipient user accepts the communication from the user initiating the communication.

2. (Currently Amended) The method of claim 1, wherein ~~said TAC receiving a first call from said calling party comprises said calling party calling~~ the user initiating the communication uses a first telephone number, and ~~said receiving a second call from said TAC comprises said TAC~~ the web-enabled processing system for routing the communication in accordance with the features ~~placing said routes the second call to a~~ communication to a

communications device designated by ~~said~~ the intended recipient user that is reached by using a second telephone number.

3. (Currently Amended) The method of claim 1, wherein ~~said~~ the intended recipient user's communications device is a telephone, and wherein the intended recipient user by answering said second call accepting the communication causes said TAC the web-enabled processing system to connect a calling party's communication device of the user initiating the communication to said the intended recipient user's telephone.

4. (Currently Amended) The method of claim 1, wherein ~~said~~ the intended recipient user's communications device is a telephone, and wherein the intended recipient user by answering said second call the communication, causes said TAC web-enabled processing system to connect a calling party's communication device of the user initiating the communication to other than said a device other than the intended recipient user's telephone, as designated by said the intended recipient user during said the step of selecting features.

5. (Currently Amended) The method of claim 1, wherein ~~said~~ the intended recipient user's communications device is a computer, and wherein upon answering said second call the communication, the web-enabled processing system causes said TAC the web-enabled processing system to connect a calling party's communication device of the user initiating a communication to said user's a computer of the intended recipient user.

6. (Currently Amended) The method of claim 1, wherein ~~said first call the communication is placed initiated by said calling party the user initiating the communication through a PSTN central office an edge switch in the local geographic area of the user initiating the communication to said TAC the web-enabled processing system, and the communication is routed via said second call is a non-toll communication network call placed by said TAC by the web-enabled communication network through a central office an edge switch to said user's the intended recipient user's communications device.~~

7. (Currently Amended) The method of claim 1, wherein ~~said the~~ features are selected from the one of comprise any one of the following:

a) selective call forwarding ~~wherein said second call~~ whereby the communication device is to a particular communications device is based on one of either a time of ~~said first call~~ the communication and the ~~party making the first call~~ user initiating the communication;
and

b) conditional ~~call~~ blocking of the communication.

8. (Currently Amended) The method of claim 1, wherein ~~said TAC~~ the web-enabled processing system receiving a first call from a calling party comprises receiving said first call receives the communication via said the switching facility, which comprises a tandem switch in a communication network, which is a circuit-switched network ~~said PSTN.~~

9. (Currently Amended) The method of claim 1, further comprising the step of: accessing ~~said TAC~~ the web-enabled processing system, which comprises a controller, by said the users via the Internet to obtain information regarding ~~calls~~ communications either received and or placed initiated by said the users.

10. (Currently Amended) The method of claim 1, further comprising the steps of: accessing ~~said TAC~~ the web-enabled processing system, to place a call initiate a communication by said the user to a third party, said TAC placing said call the web-enabled processing system routing the communication to said the third party; and communicating with ~~said the~~ third party after said TAC the web-enabled processing system connects said the user's communications device to a communications device of said the third party.

11. (Currently Amended) The method of claim 1 wherein ~~said~~ accessing said TAC comprises using the Internet to communicate a telephone number to ~~said TAC~~ for placing a call to said third party.

12-24. (Canceled)

Application No.: 11/428,822
Reply to Office Action of: October 5, 2010

REMARKS

This amendment is in response to the office action dated October 5, 2010. Applicants have amended claims 1-11. Claims 12-24 are canceled, without prejudice. In the office action, the Examiner rejected claims 1, 13, and 19 (as they appeared before amendment), as being unpatentable over claims 1 and 9 of U.S. Patent No. 6,532,288, on the basis of nonstatutory obviousness-type double patenting. The Examiner also indicates that although claims 1, 13, and 19 (before amendment) are not identical to claims 1 and 9 of U.S. Patent No. 6,532,288, they are broader, which is the reason for the Examiner's rejection. The Examiner rejects claims 2-24 for the same reasons. Although Applicants respectfully submit that there are differences in the claims, in order to expedite conclusion of this application, Applicants submit with this amendment a terminal disclaimer to obviate the double patenting rejection. Moreover, Applicants have amended the claims here to be more specific.

Conclusion

Favorable reconsideration of the rejected claims and the new claims presented here is respectfully requested. Finally, Applicants have requested a personal interview with the Examiner, the exact date for which is being determined. In the event there remain any issues with the claims as presented here, Applicants request the Examiner to resolve them in the personal interview to quickly conclude prosecution of this application.

Respectfully submitted,

BERRY & ASSOCIATES P.C.

Dated: March 7, 2011

By: /Reena Kuyper/
Reena Kuyper
Registration No. 33,830

9229 Sunset Blvd., Suite 630
Los Angeles, CA 90069
(310) 247-2860

Electronic Patent Application Fee Transmittal

Application Number:	11428822
Filing Date:	05-Jul-2006
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Filer:	Reena Kuyper
Attorney Docket Number:	TLM-103C1CON2

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Statutory or terminal disclaimer	2814	1	70	70

Extension-of-Time:

Ex. 1020

YMax Corporation

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 2 months with \$0 paid	2252	1	245	245
Miscellaneous:				
Total in USD (\$)				315

Electronic Acknowledgement Receipt

EFS ID:	9606022
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	49637
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	TLM-103C1CON2
Receipt Date:	07-MAR-2011
Filing Date:	05-JUL-2006
Time Stamp:	23:18:03
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$315
RAM confirmation Number	8055
Deposit Account	503102
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Ex. 1020

YMax Corporation

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer Filed	TLM-103C1CON2_terminal_disclaimer_final_3-7-11.pdf	293706 a6712a911690e5b15f2f85439b8408131c3842e1	no	1

Warnings:

Information:

2		TLM-103C1CON2_ROA_final_3-7-11.pdf	51803 5a891c0ea126700f88c3dd3521e27dfbbce9e6d5	yes	6
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Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	5
Applicant Arguments/Remarks Made in an Amendment	6	6

Warnings:

Information:

3	Fee Worksheet (PTO-875)	fee-info.pdf	31606 07956c637296bcb35ece2d77f180ad5351ee9a04	no	2
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Warnings:

Information:

Total Files Size (in bytes):			377115		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/428,822	Filing Date 07/05/2006	<input type="checkbox"/> To be Mailed
---	---	----------------------------------	---------------------------------------

APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>		OR	SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)	(Column 3)		SMALL ENTITY		OR	SMALL ENTITY	
AMENDMENT	03/07/2011	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 11	Minus	** 23 = 0	X \$26 =	0	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 1	Minus	***3 = 0	X \$110 =	0	OR	X \$ =	
<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
(Column 1)		(Column 2)	(Column 3)		SMALL ENTITY		OR	SMALL ENTITY	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	** =	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	*** =	X \$ =		OR	X \$ =	
<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
 /ANTJUAN RIVERA/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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UNITED STATES DEPARTMENT OF COMMERCE
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www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/428,822 07/05/2006 Samuel F. Wood TLM-103C1CON2 4565

49637 7590 10/05/2010
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

EXAMINER

AL AUBAIDI, RASHA S

ART UNIT PAPER NUMBER

2614

MAIL DATE DELIVERY MODE

10/05/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 11/428,822	Applicant(s) WOOD ET AL.	
	Examiner RASHA S. AL AUBAIDI	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 05 July 2006.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-24 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-24 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 05 July 2006 is/are: a) accepted or b) objected to by the Examiner.
 - Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 - Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the Examiner.

Double Patenting

2. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claims 1, 13 and 19 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1, and 9 of U.S. Patent No.

6,532,288. Although the conflicting claims are not identical, they are not patentably

Art Unit: 2614

distinct from each other because the claimed invention in the instant application is fully disclosed in patent number 6,532,288 and it is broader than the claimed invention in the patent. No new invention or new improvement is being claimed in the instant application. Applicant is now attempting to claim broadly that which had been previously described in more detail in the claims of the patent (In re Van Ornum, 214 USPQ 761 CCPA 1982).

Claims 2-24 are rejected for the same reasons as discussed above with respect to claims 1, 13 and 19.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone number is (571) 272-7481. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

Art Unit: 2614

you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Rasha S. AL-Aubaidi/

Primary Examiner, Art Unit 2614

Index of Claims 	Application/Control No. 11428822	Applicant(s)/Patent Under Reexamination WOOD ET AL.
	Examiner RASHA S AL AUBAIDI	Art Unit 2614

✓	Rejected
=	Allowed


-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	09/29/2010							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
	8	✓							
	9	✓							
	10	✓							
	11	✓							
	12	✓							
	13	✓							
	14	✓							
	15	✓							
	16	✓							
	17	✓							
	18	✓							
	19	✓							
	20	✓							
	21	✓							
	22	✓							
	23	✓							
	24	✓							

Search Notes 	Application/Control No. 11428822	Applicant(s)/Patent Under Reexamination WOOD ET AL.
	Examiner RASHA S AL AUBAIDI	Art Unit 2614

SEARCHED			
Class	Subclass	Date	Examiner
379	224, 221.11, 221.08	9/29/10	R.S

SEARCH NOTES		
Search Notes	Date	Examiner
Searched EAST (US PAT & PGPUB)	9/29/10	R.S

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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BIB DATA SHEET

CONFIRMATION NO. 4565

SERIAL NUMBER 11/428,822	FILING or 371(c) DATE 07/05/2006 RULE	CLASS 379	GROUP ART UNIT 2614	ATTORNEY DOCKET NO. TLM-103C1CON2	
APPLICANTS Samuel F. Wood, Los Altos Hills, CA; Jerry A. Klein, Los Altos, CA; Margaret Susan Asprey, Los Altos, CA; ** CONTINUING DATA ***** This application is a CON of 10/426,279 04/30/2003 PAT 7,324,635 which is a CIP of 09/565,565 05/04/2000 PAT 6,574,328 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 07/19/2006					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input type="checkbox"/> No Verified and /RASHA S AL AUBAIDI/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY CA	SHEETS DRAWINGS 11	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 3
ADDRESS BERRY & ASSOCIATES P.C. 9229 SUNSET BOULEVARD SUITE 630 LOS ANGELES, CA 90069 UNITED STATES					
TITLE Tandem access controller within the public switched telephone network					
FILING FEE RECEIVED 525	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	831	PSTN and (tandem near2 switch)	US- PGPUB; USPAT	OR	ON	2010/09/29 13:44
L2	225	379/224.ccls.	US- PGPUB; USPAT	OR	ON	2010/09/29 13:44
L3	510	379/221.08.ccls.	US- PGPUB; USPAT	OR	ON	2010/09/29 13:44
L4	123	379/221.11.ccls.	US- PGPUB; USPAT	OR	ON	2010/09/29 13:44
L5	1126	379/201.01.ccls.	US- PGPUB; USPAT	OR	ON	2010/09/29 13:44
L6	17	TAc near5 PSTN	US- PGPUB; USPAT	OR	ON	2010/09/29 13:44
L7	17	TAC near5 PSTN	US- PGPUB; USPAT	OR	ON	2010/09/29 13:45
L8	12	TAC near5 ((select\$ or apply \$) near6 (feature))	US- PGPUB; USPAT	OR	ON	2010/09/29 13:54
L9	12	TAC near7 ((select\$ or apply \$) near6 (feature))	US- PGPUB; USPAT	OR	ON	2010/09/29 13:55
L10	11	1 and 9	US- PGPUB; USPAT	OR	ON	2010/09/29 13:55
L11	0	10 not 6	US- PGPUB; USPAT	OR	ON	2010/09/29 13:55

9/ 29/ 10 2:10:50 PM

**C:\ Documents and Settings\ RAlaubaidi\ My Documents\ EAST\ Workspaces\ 123.
wsp**

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	2001/0022784A1	09-2001	Menon et al.	-----	-----	-----	
	2001/0030950A1	10-2001	Chen et al.	-----	-----	-----	
	2003/0026403A1	11-2007	Clapper	-----	-----	-----	
	2003/0040325A1	02-2003	Clark	-----	-----	-----	
	2003/0095650A1	05-2003	Mize	-----	-----	-----	
	2003/0133553A1	07-2003	Khakoo et al.	-----	-----	-----	
	2003/0156693A1	08-2003	Goldman	-----	-----	-----	
	2003/0194078A1	10-2003	Wood et al.	-----	-----	-----	
	2004/0029568A1	02-2004	DeLuca et al.	-----	-----	-----	
	2005/0041526A1	02-2005	Esmersoy et al.	-----	-----	-----	
	2005/0141500A1	06-2005	Bhandari et al.	-----	-----	-----	
	2005/0169445A1	08-2005	Harris	-----	-----	-----	
	2005/0207557A1	09-2005	Dolan et al.	-----	-----	-----	
	4,313,035	01-1982	Jordan et al.	-----	-----	-----	
	4,348,554	09-1982	Asmuth	-----	-----	-----	
	4,611,094	09-1986	Asmuth et al.	-----	-----	-----	
	4,611,096	09-1986	Asmuth et al.	-----	-----	-----	
	4,953,198	08-1990	Daly et al.	-----	-----	-----	
	4,973,837	11-1990	Bradbeer	-----	-----	-----	
	5,297,191	03-1994	Gerszberg	-----	-----	-----	
	5,311,582	05-1994	Davenport et al.	-----	-----	-----	
	5,428,663	06-1995	Grimes et al.	-----	-----	-----	

EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/29/2010
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	5,448,623	09-1995	Wiedeman et al.	-----	-----	-----	
	5,455,853	10-1995	Cebulka et al.	-----	-----	-----	
	5,471,616	11-1995	Johnson et al.	-----	-----	-----	
	5,495,567	02-1996	Iizawa et al.	-----	-----	-----	
	5,497,339	03-1996	Bernard	-----	-----	-----	
	5,557,658	09-1996	Gregorek et al.	-----	-----	-----	
	5,563,937	10-1996	Bruno et al.	-----	-----	-----	
	5,566,236	10-1996	McLampy et al.	-----	-----	-----	
	5,606,594	02-1997	Register et al.	-----	-----	-----	
	5,628,004	05-1997	Gormley et al.	-----	-----	-----	
	5,646,945	07-1997	Bergler	-----	-----	-----	
	5,727,057	03-1998	Emery et al.	-----	-----	-----	
	5,727,057	03-1998	Emery et al.	-----	-----	-----	
	5,732,074	03-1998	Spaur et al.	-----	-----	-----	
	5,732,216	03-1998	Logan et al.	-----	-----	-----	
	5,737,533	04-1998	De Hond	-----	-----	-----	
	5,742,905	04-1998	Pepe et al.	-----	-----	-----	
	5,802,160	09-1998	Kugell et al.	-----	-----	-----	
	5,806,057	09-1998	Gormley et al.	-----	-----	-----	
	5,838,665	11-1998	Kahn et al.	-----	-----	-----	
	5,850,433	12-1998	Rondeau	-----	-----	-----	
	5,859,972	01-1999	Subramaniam et al.	-----	-----	-----	

EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/29/2010
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	5,875,405	02-1999	Honda	-----	-----	-----	
	5,878,113	03-1999	Bhusari	-----	-----	-----	
	5,878,418	03-1999	Polcyn et al.	-----	-----	-----	
	5,894,473	04-1999	Dent	-----	-----	-----	
	5,894,595	04-1999	Foladare et al.	-----	-----	-----	
	5,913,029	06-1999	Shostak	-----	-----	-----	
	5,915,008	06-1999	Dulman	-----	-----	-----	
	5,918,172	06-1999	Saunders et al.	-----	-----	-----	
	5,930,700	07-1999	Pepper et al.	-----	-----	-----	
	5,933,778	08-1999	Buhrmann et al.	-----	-----	-----	
	5,938,757	08-1999	Bertsch	-----	-----	-----	
	5,953,392	09-1999	Rhie et al.	-----	-----	-----	
	5,958,016	09-1999	Chang et al.	-----	-----	-----	
	5,960,340	09-1999	Fuentes	-----	-----	-----	
	5,970,059	10-1999	Ahopelto et al.	-----	-----	-----	
	5,974,449	10-1999	Chang et al.	-----	-----	-----	
	5,982,866	11-1999	Kowalski	-----	-----	-----	
	5,991,394	11-1999	Dezonno et al.	-----	-----	-----	
	6,006,272	12-1999	Aravamudan et al.	-----	-----	-----	
	6,012,088	01-2000	Li et al.	-----	-----	-----	
	6,014,437	01-2000	Acker et al.	-----	-----	-----	
	6,020,916	02-2000	Gerszberg et al.	-----	-----	-----	

EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/29/2010
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	6,028,917	02-2000	Creamer et al.	-----	-----	-----	
	6,031,836	02-2000	Haserodt	-----	-----	-----	
	6,031,904	02-2000	An et al.	-----	-----	-----	
	6,041,325	03-2000	Shah et al.	-----	-----	-----	
	6,044,403	03-2000	Gerszberg et al.	-----	-----	-----	
	6,075,992	06-2000	Moon et al.	-----	-----	-----	
	6,078,581	06-2000	Shtivelman et al.	-----	-----	-----	
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EXAMINER: /Rasha Al Aubaidi/	DATE CONSIDERED: 09/29/2010
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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	No.	Description
	1	RFC 3298 Service in the PSTN, August 2002
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	3	New services demand integration, Electronic Engineering Times, Aug. 28, 2000, Iss. 1128; pg. 110
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	13	U.S. patent application Ser. No. 09/406,322, Schuster et al., filed Sep. 27, 1999
	14	U.S. patent application Ser. No. 09/515,798, Schuster et al., filed Feb. 29, 2000

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U.S. PATENT DOCUMENTS							
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	2004/0240657 A1	12-02-2004	Camarillo	379	221.02	-----	
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	5,469,500	11-21-1995	Satter et al.	379	201	-----	
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION NO	

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EXAMINER INITIAL							

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Samuel F. Wood, Jerry A. Klein, Margaret Susan Asprey
 Assignee: Telemaze LLC
 Title: Tandem Access Controller Within the Public Switched Telephone Network
 Serial No.: 11/428,822 Filing Date: July 5, 2006
 Examiner: Not yet known Group Art Unit: 2614
 Docket No.: TEL-M-8801-1P-1C

San Jose, California
July 17, 2006

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO/SB/08A are called to the attention of the Examiner for the above patent application. Copies of the References are not included because they were cited in the parent application no. 10/426,279, filing date April 30, 2003.

1. A very large quantity of prior art is cited in the PTO/SB/08A form (formerly PTO 1449) because the present invention is related to the invention in U.S. Patent 6,614,781 to Elliot, and the identified prior art is copied from the "References Cited" section of that patent. There is no other reason for why the Applicants believe the identified art is material to the present claims. Only a few of the prior art documents are discussed below.

2. Various prior art documents describe systems in which telephone features are only applied once a call reaches the called party's central office. In contrast, Applicants' claims specify that the telephone features are applied before the call reaches the terminating central office. This provides various important advantages, discussed in the application. Other distinguishing aspects of the claims also exist.


PATENT LAW
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(408) 382-0480
FAX (408) 382-0481

3. U.S. Patent 6,614,781 to Elliot discloses a method of implementing a telephone feature that requires a change, modification, or enhancement to the software of the central office of the PSTN. To use the features offered by the Elliot '781 patent, the call must reach the central office offering the feature.
4. U.S. Patents 6,445,694 and 6,785,266 to Swartz disclose methods to provide telephone features, where the processing that provides the features occurs outside of the PSTN.
5. U.S. Patent 6,094,478 to Shepherd describes a processor for providing features, where the processor is located at the terminating central office.
6. U.S. Patent 6,853,714 to Liljestrand is similar to the Shepherd patent in that the processing for providing telephone features occurs at the central office.

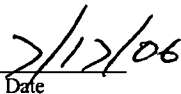
Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.




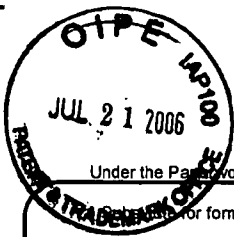
Attorney for Applicant(s)



Date

Respectfully submitted,


Brian D. Ogonowsky
Attorney for Applicant(s)
Reg. No. 31,988



PTO/SB/08A (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 22

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Application Number	11/428,822
Filing Date	July 5, 2006
First Named Inventor	Samuel F. Wood
Art Unit	2614
Examiner Name	Not yet known
Attorney Docket Number	TEL-M-8801-1P-1C

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4100377	Jul., 1978	Flanagan	
		US- 4238851	Dec., 1980	Takahashi et al.	
		US- 4569041	Feb., 1986	Takeuchi et al.	
		US- 4608685	Aug., 1986	Jain et al.	
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Examiner Signature	/Rasha Al Aubaidi/	Date Considered	09/29/2010
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	11/428,822
		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
		Attorney Docket Number	TEL-M-8801-1P-1C
Sheet	2	of	22

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		US- 4866704	Sep., 1989	Bergman	
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		Number-Kind Code ² (if known)			
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		US- 5051983	Sep., 1991	Kammerl	
		US- 5093827	Mar., 1992	Franklin et al.	
		US- 5115431	May., 1992	Williams et al.	
		US- 5150357	Sep., 1992	Hopner et al.	
		US- 5157662	Oct., 1992	Tadamura et al.	
		US- 5197067	Mar., 1993	Fujimoto et al.	
		US- 5208806	May., 1993	Hasegawa	
		US- 5218602	Jun., 1993	Grant et al.	
		US- 5231633	Jul., 1993	Hluchyj et al.	
		US- 4926416	May., 1990	Weik	
		US- 4932022	Jun., 1990	Keeney et al.	
		US- 4933931	Jun., 1990	Kokubo	
		US- 5241588	Aug., 1993	Babson, III et al.	
		US- 5247571	Sep., 1993	Kay et al.	
		US- 5268900	Dec., 1993	Hluchyj et al.	
		US- 5274635	Dec., 1993	Rahman et al.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	11/428,822
		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
		Attorney Docket Number	TEL-M-8801-1P-1C
Sheet	4	of	22

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		US- 5305308	Apr., 1994	English et al.	
		US- 5327428	Jul., 1994	Van As et al.	
		US- 5341374	Aug., 1994	Lewen et al.	
		US- 5351276	Sep., 1994	Doll, Jr. et al.	
		US- 5351286	Sep., 1994	Nici	
		US- 5353283	Oct., 1994	Tsuchiya	
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		US- 5365521	Nov., 1994	Ohnishi et al.	
		US- 5379293	Jan., 1995	Kanno et al.	
		US- 5381405	Jan., 1995	Daugherty et al.	
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		US- 5383183	Jan., 1995	Yoshida	
		US- 5384840	Jan., 1995	Blatchford et al.	
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		Art Unit	2614
		Examiner Name	Not yet known
Sheet 5 of 22	Attorney Docket Number	TEL-M-8801-1P-1C	

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First Named Inventor	Samuel F. Wood
Art Unit	2614
Examiner Name	Not yet known
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of 22

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First Named Inventor	Samuel F. Wood
Art Unit	2614
Examiner Name	Not yet known
Attorney Docket Number	TEL-M-8801-1P-1C

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First Named Inventor	Samuel F. Wood
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	11/428,822
		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
		Attorney Docket Number	TEL-M-8801-1P-1C
Sheet	10	of	22

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5933490	Aug., 1999	White et al.	
		US- 5954799	Sep., 1999	Goheen et al.	
		US- 5963551	Oct., 1999	Minko	
		US- 5991291	Nov., 1999	Asai et al.	
		US- 5999525	Dec., 1999	Krishnaswamy et al.	
		US- 6009469	Dec., 1999	Mattaway et al.	
		US- 6026083	Feb., 2000	Albrow et al.	
		US- 6069890	May., 2000	White et al.	
		US- 6134235	Oct., 2000	Goldman et al.	
		US- 6278707	Aug., 2001	MacMillan et al.	
		US- 6324183	Nov., 2001	Miller et al.	
		US- 6327258	Dec., 2001	Deschaine et al.	
		US- 6339594	Jan., 2002	Civanlar et al.	
		US- 5946684	Aug., 1999	Lund	
		US- 6094478	Jul., 2000	Shepherd et al.	
		US- 6028917	Feb., 2000	Creamer et al.	
		US- 6104800	Aug., 2000	Benson	
		US- 6078581	Jun., 2000	Shtivelman et al.	
		US- 6259692	Jul., 2001	Shtivelman et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Rasha Al Aubaidi/	Date Considered	09/29/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	11/428,822
		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
		Attorney Docket Number	TEL-M-8801-1P-1C
Sheet	11	of	22

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6014437	Jan., 2000	Acker et al.	
		US- 5799072	Aug., 1998	Vulcan et al.	
		US- 5946386	Aug., 1999	Rogers et al.	
		US- 6005870	Dec., 1999	Leung et al.	
		US- 6161128	Dec. 2000	Smyk	
		US- 6614781	Sep., 2003	Elliott et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Rasha Al Aubaidi/	Date Considered	09/29/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	2004/0240657 A1	12-02-2004	Camarillo	379	221.02	-----	
	2004/0264673 A1	12-30-2004	Novack	379	221.11	-----	
	5,469,500	11-21-1995	Satter et al.	379	201	-----	
	6,327,258	12-04-2001	Deschaine et al.	370	356	-----	
	6,643,282	11-04-2003	Christie	370	352	-----	
	7,123,708	10-17-2006	Gavillet	379	219	-----	
	7,242,759	07-10-2007	Sanchez et al.	379	219	-----	
	7,436,851	10-14-2008	Chambers et al.	370	325	-----	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YE	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

Electronic Acknowledgement Receipt

EFS ID:	7764571
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	49637
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	TLM-103C1CON2
Receipt Date:	07-JUN-2010
Filing Date:	05-JUL-2006
Time Stamp:	23:26:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	TLM-103C1CON2_IDS_before_OA_final_6-7-10.pdf	28028 <small>bfe8e832f334f23b9ba05398ad3a7f5cb85d9e7b</small>	no	3

Warnings:

Information:

Ex. 1020

YMax Corporation

Page 161 of 283

2	Information Disclosure Statement (IDS) Filed (SB/08)	TLM-103C1CON2_PTO_1449_fi nal_6-7-10.pdf	25964 8d636665afa13b8ba046b692844e63d2cec 2e8e4	no	1
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Warnings:

Information:

This is not an USPTO supplied IDS fillable form

Total Files Size (in bytes):

53992

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)	Customer No.:	49,637
)		
Samuel F. WOOD, et al.	)	Confirmation No.:	4565
)		
Serial No.: 11/428,822	)	Group Art Unit:	2614
)		
Filed: July 5, 2006	)	Examiner:	Al Aubaidi, Rasha S.
)		
For: TANDEM ACCESS CONTROLLER	)	Docket No.:	TLM-103.C1CON2
WITHIN THE PUBLIC SWITCHED)		
TELEPHONE NETWORK)		
)		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56, 37 CFR §§ 1.97, and 1.98, before receipt of a first office action, Applicants bring the following documents, of possible interest to the subject matter of this application, to the attention of the Examiner. Each of these documents is listed on the attached form PTO-1449. Each of the documents is either a published patent or pending application. In the event the Examiner would like copies of them, the Examiner is requested to advise the undersigned. Applicants respectfully request the Examiner to consider and make these documents of record with respect to this application. In addition, for the Examiner's convenience, Applicants are providing below comments on each of the references. The references pertain to fundamental call routing architecture and operations executed within a single carrier network as opposed to the Applicants' inventions, which are directed to architecture and operations that apply call features to the fundamental call routing operations over multiple carrier networks. The Examiner is requested to make an independent

Application No.: 11/428,822

determination if there is any relevance to these documents. These documents are also cited in related pending application serial numbers 11/428,825 and 11/948,965.

1. U.S. Patent No. 5,469,500 describes a method and apparatus for delivering calling services by contemplating an AIN (Advanced Intelligent Network) architecture, different from the existing network structure, with software upgrades to this AIN to implement calling services.
2. Publication No. 2004/0264673 A1 describes an architecture to connect disparate peripherals in a network, not to execute features as in Applicants' inventions. In addition, it should be noted that this publication is dated December 30, 2004, after the effective filing date of this application, which is May 4, 2000. The filing date is June 30, 2003.
3. Publication No. 2004/0240657 A1 describes an architecture for routing schemes in the network to route calls to different tandems in the network. This publication is dated December 2, 2004, after the effective filing date of this application, which is May 4, 2000. The filing date is May 28, 2003.
4. U.S. Patent No. 7,436,851 describes using ATM (Automatic Teller Machine) and other transmission facilities for routing within IP or PSTN networks. There is no disclosure of any calling features.
5. U.S. Patent No. 7,123,708 describes an architecture for IP routing of calls (by connecting different networks and carriers) within the internet. It does not describe applying any features to call routing operations of the network. This patent issued on October 14, 2008, and has a filing date of March 29, 1999.
6. U.S. Patent No. 7,242,759 describes an architecture for routing of calls in the network specifically to 800 numbers. The patent issued on October 14, 2008 and has a filing date of March 29, 1999.

Application No.: 11/428,822

7. U.S. Patent No. 6,643,282 describes a major network architecture proposed by Sprint Communications Company LP. There is no disclosure of applying features.

8. U.S. Patent No. 6,327,258 describes an architecture and operations for connecting the PSTN (Public Switched Telephone Network) with Internet data networks utilizing ATM. The architecture is for routing calls in the network.

This Supplemental Information Disclosure Statement is timely submitted under 37 CFR § 1.97(b)(3), that is, before mailing of a first office action on the merits. Thus, no petition or fee is required at this time. If the U.S. Patent Office determines that a fee is necessary, this submission should be considered a petition, and the U.S. Patent Office is hereby authorized to charge any fee necessary to Deposit Account No. **50-3102** of Berry & Associates P.C.

Respectfully submitted,
BERRY & ASSOCIATES P.C.

Dated: June 7, 2010

By: /Reena Kuyper/
Reena Kuyper
Registration No. 33,830

9229 Sunset Blvd., Suite 630
Los Angeles, California 90069
(310) 247-2860
Customer No. 49,637



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	TEL-M-8801-1P-1C

CONFIRMATION NO. 4565

POA ACCEPTANCE LETTER



49637
BERRY & ASSOCIATES P.C.
9229 SUNSET BOULEVARD
SUITE 630
LOS ANGELES, CA 90069

Date Mailed: 02/26/2010

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/18/2010.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/mteklemichael/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/428,822	07/05/2006	Samuel F. Wood	TEL-M-8801-1P-1C

CONFIRMATION NO. 4565

POWER OF ATTORNEY NOTICE



32566
PATENT LAW GROUP LLP
2635 NORTH FIRST STREET
SUITE 223
SAN JOSE, CA 95134

Date Mailed: 02/26/2010

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/18/2010.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/mtklemichael/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

 Practitioners associated with the Customer Number:

49,637

OR

 Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

 The address associated with Customer Number:

49,637


OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

Assignee Name and Address:

Telemaze, LLC
101 First Street, Suite 477
Los Altos, CA 94022**A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.****SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	12/11/09
Name	Jerry A. Klein	Telephone	650-948-1243
Title	Managing Member		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Samuel F. Wood, et al.

Application No./Patent No.: 11/428,822 Filed/Issue Date: July 5, 2006

Titled: TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED TELEPHONE NETWORK

TELEMAZE, LLC, a limited liability company
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1. the assignee of the entire right, title, and interest in;
- 2. an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
- 3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Wood, Samuel F. and Klein, Jerry A. To: Telemaze, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 014034, Frame 0043, or for which a copy thereof is attached.

2. From: Asprey, Margaret Susan To: Telemaze, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 015613, Frame 0259, or for which a copy thereof is attached.

3. From: Telemaze, Inc. To: Telemaze, LLC

The document was recorded in the United States Patent and Trademark Office at
Reel 016844, Frame 0708, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Reena Kuyper/
Signature

February 17, 2010
Date

Reena Kuyper, Reg. No. 33,830
Printed or Typed Name

Registered Patent Agent
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

EX-1020

YMax Corporation

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	7033705
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	32566
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	TEL-M-8801-1P-1C
Receipt Date:	18-FEB-2010
Filing Date:	05-JUL-2006
Time Stamp:	00:14:57
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	Telemaze_General_Power_of_Attorney_signed_12-11-09.pdf	368786 9e15f0da052fc2fcb55372b9edb8c986444364a1	no	1

Warnings:

Information:

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2	Assignee showing of ownership per 37 CFR 3.73(b).	TLM-103C1CON2_Statement_3_73b.pdf	439208 dd2e625efaa208349cc3133d57391f9a0183f90c	no	2
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Warnings:

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Total Files Size (in bytes):	807994
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. TLM-103C1CON2	SERIAL NO. 11/428,822
	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	2001/0022784A1	09-2001	Menon et al.	-----	-----	-----	
	2001/0030950A1	10-2001	Chen et al.	-----	-----	-----	
	2003/0026403A1	11-2007	Clapper	-----	-----	-----	
	2003/0040325A1	02-2003	Clark	-----	-----	-----	
	2003/0095650A1	05-2003	Mize	-----	-----	-----	
	2003/0133553A1	07-2003	Khakoo et al.	-----	-----	-----	
	2003/0156693A1	08-2003	Goldman	-----	-----	-----	
	2003/0194078A1	10-2003	Wood et al.	-----	-----	-----	
	2004/0029568A1	02-2004	DeLuca et al.	-----	-----	-----	
	2005/0041526A1	02-2005	Esmersoy et al.	-----	-----	-----	
	2005/0141500A1	06-2005	Bhandari et al.	-----	-----	-----	
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	4,313,035	01-1982	Jordan et al.	-----	-----	-----	
	4,348,554	09-1982	Asmuth	-----	-----	-----	
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	4,611,096	09-1986	Asmuth et al.	-----	-----	-----	
	4,953,198	08-1990	Daly et al.	-----	-----	-----	
	4,973,837	11-1990	Bradbeer	-----	-----	-----	
	5,297,191	03-1994	Gerszberg	-----	-----	-----	
	5,311,582	05-1994	Davenport et al.	-----	-----	-----	
	5,428,663	06-1995	Grimes et al.	-----	-----	-----	

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	APPLICANT: Samuel F. WOOD, et al.	
	FILING DATE: July 5, 2006	GROUP: 2614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	5,448,623	09-1995	Wiedeman et al.	-----	-----	-----	
	5,455,853	10-1995	Cebulka et al.	-----	-----	-----	
	5,471,616	11-1995	Johnson et al.	-----	-----	-----	
	5,495,567	02-1996	Iizawa et al.	-----	-----	-----	
	5,497,339	03-1996	Bernard	-----	-----	-----	
	5,557,658	09-1996	Gregorek et al.	-----	-----	-----	
	5,563,937	10-1996	Bruno et al.	-----	-----	-----	
	5,566,236	10-1996	McLampy et al.	-----	-----	-----	
	5,606,594	02-1997	Register et al.	-----	-----	-----	
	5,628,004	05-1997	Gormley et al.	-----	-----	-----	
	5,646,945	07-1997	Bergler	-----	-----	-----	
	5,727,057	03-1998	Emery et al.	-----	-----	-----	
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	5,737,533	04-1998	De Hond	-----	-----	-----	
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	5,838,665	11-1998	Kahn et al.	-----	-----	-----	
	5,850,433	12-1998	Rondeau	-----	-----	-----	
	5,859,972	01-1999	Subramaniam et al.	-----	-----	-----	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	5,875,405	02-1999	Honda	-----	-----	-----	
	5,878,113	03-1999	Bhusari	-----	-----	-----	
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	5,894,595	04-1999	Foladare et al.	-----	-----	-----	
	5,913,029	06-1999	Shostak	-----	-----	-----	
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	6,020,916	02-2000	Gerszberg et al.	-----	-----	-----	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE	
	6,028,917	02-2000	Creamer et al.	-----	-----	-----	
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U.S. PATENT DOCUMENTS							
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	6,731,630	05-2004	Shuster et al.	-----	-----	-----	
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	6,795,429	09-2004	Shuster et al.	-----	-----	-----	
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	6,853,714	02-2005	Liljestrang et al.	-----	-----	-----	
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	6,870,830	03-2005	Shuster et al.	-----	-----	-----	
	6,914,897	07-2005	Shuster et al.	-----	-----	-----	
	6,937,699	08-2005	Shuster et al.	-----	-----	-----	
	6,956,941	10-2005	Duncan et al.	-----	-----	-----	

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	DE19813179	09-1999	DE	-----	-----	X		
	EP0578374	01-1994	EP	-----	-----			
	EP0704788	04-1996	EP	-----	-----			
	EP0738093	10-1996	EP	-----	-----			
	EP0858202	08-1998	EP	-----	-----			
	EP0869688	10-1998	EP	-----	-----			
	EP0881848	12-1998	EP	-----	-----			
	EP0898431	02-1999	EP	-----	-----			
	EP0918423	10-1998	EP	-----	-----			
	WO/0184859	11-2001	WO	-----	-----			
	WO01/024496	04-2001	WO	-----	-----			
	WO01/024498	04-2001	WO	-----	-----			
	WO01/024500	04-2001	WO	-----	-----			
	WO01/024501	04-2001	WO	-----	-----			

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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATI YE NO		
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	WO01/05078	01-2001	WO	-----	-----			
	WO94/05111	03-1994	WO	-----	-----			
	WO95/34985	12-1995	WO	-----	-----			
	WO97/31492	08-1997	WO	-----	-----			
	WO97/33421	09-1997	WO	-----	-----			
	WO97/44943	11-1997	WO	-----	-----			
	WO98/00988	01-1998	WO	-----	-----			
	WO98/04065	01-1998	WO	-----	-----			
	WO98/10538	03-1998	WO	-----	-----			
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	WO98/21911	05-1998	WO	-----	-----			
	WO98/30008	07-1998	WO	-----	-----			
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	WO99/12365	03-1999	WO	-----	-----			
	WO99/19988	04-1999	WO	-----	-----			
	WO99/20059	04-1999	WO	-----	-----			
	WO99/35802	07-1999	WO	-----	-----			
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EXAMINER INITIAL	NO.	TITLE
	1	RFC 3298 Service in the PSTN, August 2002
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	3	New services demand integration, Electronic Engineering Times, Aug. 28, 2000, Iss. 1128; pg. 110
	4	Natural Microsystems, M2 Presswire. Coventry: Aug. 18, 2000
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	6	Using Optimization to Achieve Efficient Quality of Service in Voice over IP Networks, IEEE 2003
	7	Broadsoft literature Broadworks overview, Copyright date 2002
	8	BroadSoft introduces industry's first complete service delivery and creation product suite for enhanced telephony services Broadworks, ATM Newsletter: Boston: March 2000, vol. 9, Iss. 3, pg 13
	9	BroadSoft unveils advanced architecture for the rapid and cost effective delivery of enhanced communications services, Website, August 25, 1999, Press releases, 3 pages.
	10	ADC Telecommunications; SS7 New Net SS7 Tutorial; Copyright 1999.
	11	Mary Carmichael, "Calls That Follow you Anywhere" Newsweek, April 28, 2003, page 43.
	12	European Search Report, 3 pages, from European Application No. 04252483.5 (EP Patent No. 1473947B1).
	13	U.S. patent application Ser. No. 09/406,322, Schuster et al., filed Sep. 27, 1999
	14	U.S. patent application Ser. No. 09/515,798, Schuster et al., filed Feb. 29, 2000

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Electronic Acknowledgement Receipt

EFS ID:	7033719
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	32566
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	TEL-M-8801-1P-1C
Receipt Date:	18-FEB-2010
Filing Date:	05-JUL-2006
Time Stamp:	00:59:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	TLM-103C1CON2_IDS_before_ OA_Final_2-17-10.pdf	45553 <small>744a5c17fab5d65772ba99c880be59d14dd ac934</small>	no	6

Warnings:

Information:

Ex. 1020

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14	Foreign Reference	WO01024496.pdf	1918119 524b9f5deaa81c97376cf0e7fd95be57f053206	no	50
Warnings:					
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15	Foreign Reference	WO01024498.pdf	2598235 fa8d0dca5da15fa452d7c87591d65fe774db5d97	no	61
Warnings:					
Information:					
16	Foreign Reference	WO01024500.pdf	1787464 8dd9b444d81c24a3ed4a5fa40b0ddc729e9cb8d4	no	45
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18	Foreign Reference	WO01024502.pdf	2071434 de89b7a3cb2d6a331dcb11717ceb5f2500e07bad	no	49
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19	Foreign Reference	WO01024503.pdf	2448953 33a2f7aed6d9ac90b593d4049c09f4864492b430	no	Ex. 1020

Warnings:					
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20	Foreign Reference	WO94005111.pdf	4194995 e7a00f279eb60de5afe5a0e0590e33b16ab67ff9	no	101
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Information:					
21	Foreign Reference	WO95034985.pdf	600038 f0654da9610837bbbc34e82580680348982ff5bb	no	17
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22	Foreign Reference	WO97031492.pdf	1285593 d4a886a0a90f6bcc4a79ff59a0c29ed956fadadb	no	44
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23	Foreign Reference	WO97033421.pdf	3779159 6d9a07eab9926a5e5fd00214d328151bc4a3add5	no	88
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24	Foreign Reference	WO97044943.pdf	563420 ceed76a19c7dd25df4a73d40d9f99d5124ac2e2b	no	15
Warnings:					
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25	Foreign Reference	WO98000988.pdf	2266457 bdf93ec36bf60109a1f511920595139e98c9ea48	no	52
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27	Foreign Reference	WO98010538.pdf	7075655 cfbd96a14542f2583ebce98d2d50dbd68578568	no	160
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28	Foreign Reference	WO98016051.pdf	423532 29d7ecc0045766cef5fb25961fb971789596f99a7	no	Ex. 1020

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29	Foreign Reference	WO98021911.pdf	921175 b4dd655f383a2312e1f2b4e6c9414b5df7f527e8	no	23
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30	Foreign Reference	WO98030008.pdf	1304109 d87e70a262ed966d9cfa31c823dbf4b23211fbb3	no	39
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31	Foreign Reference	WO98037665.pdf	3017648 39cb2a09f30002c148e6d3c757522b44cb8959ef	no	82
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32	Foreign Reference	WO99012365.pdf	1325530 7dd84cab4afccca97bb9933a7935f5cc75e836d9	no	34
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33	Foreign Reference	WO99019988.pdf	1872215 427dc86438c62f281b3b82c454341256d5b337a4	no	45
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34	Foreign Reference	WO99020059.pdf	2143779 f3f037cd48253fea7cdac99c658fe73c4880aa49	no	51
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35	Foreign Reference	WO99035802.pdf	2571273 8ea34ef3340de61ca3e5a72051a640d29b52ff4c	no	80
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36	Foreign Reference	WO99045687.pdf	4089362 ca99e76610fb79e387b9a3d6d0e7ae9c7d1af6e9	no	68
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37	NPL Documents	1_RFC3298.pdf	5451870 24963b75831bcd7e9b3df2f7c6926c34b8fe6ed5	no	Ex. 1020

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Information:					
38	NPL Documents	2_implementing_follow-medb.pdf	6787819 221cc5fe63a102df7abf19c82abae418a31b1229	no	15
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39	NPL Documents	3_NewServices.pdf	1139940 681a03ead065cd55e5d7b5ef8f606d930ddcd8	no	3
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40	NPL Documents	4_NaturalMicrosystem.pdf	1540011 7b3a095a168ba933fd2607fa9f3c068f303934e	no	3
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41	NPL Documents	5_Pipedream.pdf	1173452 ede51c41d31d733bc908435850c929171feb8c17	no	3
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42	NPL Documents	6_voiceoverip.pdf	2706470 b903c6eac21aacffac80c4e32e63f22fed362bde	no	6
Warnings:					
Information:					
43	NPL Documents	7_Broadword_Overview.pdf	1739140 2e1a36760f8256f86007f08b43f204e76af2b50f	no	2
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
44	NPL Documents	8_BroadSoft_introduces.pdf	846354 8e326b95248b898c8b8882438dd05b1e46a53dad	no	2
Warnings:					
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45	NPL Documents	9_Broadsoft_unveils.pdf	75100 7a443ba1c7d46af0d54677b15355a534ca2cc8e4	no	3
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46	NPL Documents	10_ADC_Telecommunications_SS7.pdf	3216722 87bc7fe570b67f96636a18140e0843a87c1c5f31	no	25
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47	NPL Documents	11_M_Carmichael.pdf	99231 18f5989e1b2afc056fb9013c8d301a0efae22ff8	no	2
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48	NPL Documents	12_EP_Search_Report_04252483.pdf	72963 b0fe446c6ee325109ffaa38870fb0dc566ad392f	no	3
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49	NPL Documents	13_US_app_09406322_Schuster_et_al_9-27-99.pdf	1806792 075b46f750b3b0e522fb170ef371c455bc895947	no	41
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50	NPL Documents	14_US_app_09515798_Schuster_et_al_2-29-00.pdf	2302643 efd0f692a62b5b51182cca103f621d08acc6e3f6	no	52
Warnings:					
Information:					
Total Files Size (in bytes):				90593298	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	)	Customer No.:	49,637
)		
Samuel F. WOOD, et al.	)	Confirmation No.:	4565
)		
Serial No.: 11/428,822	)	Group Art Unit:	2614
)		
Filed: July 5, 2006	)	Examiner:	Al Aubaidi, Rasha S.
)		
For: TANDEM ACCESS CONTROLLER	)	Docket No.:	TLM-103.C1CON2
WITHIN THE PUBLIC SWITCHED)		
TELEPHONE NETWORK)		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56, 37 CFR §§ 1.97, and 1.98, Applicants bring the following documents, of possible interest to the subject matter of this application, to the attention of the Examiner. Each of these documents is listed on the attached form PTO-1449. Applicants are providing copies of the listed documents, except for U.S. patents and U.S. patent publication applications. In the event the Examiner would like copies of the U.S. patents and published applications as well, the Examiner is requested to advise the undersigned. Applicants respectfully request the Examiner to consider and make these documents of record with respect to this application. In addition, for the Examiner's convenience, Applicants are providing below comments on select references. The Examiner is requested to make an independent determination on the relevance of the documents.

1. RFC 3298 Service in the PSTN:

This document describes protocols for use in an internet or other intelligent network (PSTN/IN). The protocols that are described are for use to optimize the network. This document also discloses “features” such as “call forwarding” that can be applied within a network, however, with modifications to the existing networks and limited routing only within a local geographic area. Moreover, this document does not disclose web-based access by subscribers to request features, nor first call and second functionalities.

2. Implementing Automatic Location Update for Follow-Me Database Using VoIP and Bluetooth Technologies

This document discloses a particular method of using databases in a VoIP network to enable a user to request call features such as “follow-me” using VoIP and Bluetooth technologies. Again, this document describes “features,” but via a method that requires modifications to the existing networks and limited routing only within a local geographic area. Again, this document does not disclose web-based access by subscribers to request features, nor first call and second functionalities.

3. New Services Demand Integration

This document recognizes that networks, such as the public switched telephone network (PSTN) and the internet (packet-based) networks are fast converging and that the new emerging networks will require new services to facilitate user interfaces. It should be noted that the document publication is after Applicants’ priority date (parent patent no. 6,574,328, filed on May 2000). This document is of background interest only and does not address application of “features,” via web access or otherwise, nor first call and second functionalities.

4. Natural Microsystems

This document describes the SS7 software product that natural Microsystems introduced to the market. SS7 is a standard protocol used in the PSTN for signaling call management within the network. SS7 was widely known and used by carriers in the PSTN to perform circuit switching operations. Applicants’ parent patent no. 6,574,328, filed on May 2000, describes the SS7 protocol.

Application No.: 11/428,822

The document is of background interest only and does not address application of “features,” via web access or otherwise, nor first call and second functionalities.

5. Voice Over Internet Protocol (VoIP) Technology will Make the Phone Box Something That Really Talks

This document describes the advantages of VoIP and VoIP telephones that will make new technologies available to telephone users and the advantages of VoIP. The document is of background interest only and does not address application of “features,” via web access or otherwise, nor first call and second functionalities.

6. Using Optimization to Achieve Efficient Quality of Service in Voice Over IP Networks

This document recognizes the need for improved quality service in VoIP networks. As recognized in Applicants’ parent disclosure, VoIP’s quality of service (“QOS”) was less than the quality of the PSTN networks. The document is of background interest only and does not address application of “features,” via web access or otherwise, nor first call and second functionalities.

7. Broadsoft Literature Broadworks Overview

This document describes Broadworks, a product that consists of software modules, which may be integrated into a hardware platform such as the Sun Solaris Network Platform for use at call centers and other such large enterprises. Broadworks discloses a system for adding “call features” to an existing Class 5¹ and packet networks. Broadworks discloses a set of tools that can be used to

¹ Dictionary definitions, “Newton’s Telecom Dictionary,” 15th Edition, February 1999, ISBN Number 1-57820-001-8

Class 4 Office

The fourth level in AT&T’s long distance toll switching hierarchy – the major switching center to which toll calls from Class 5 offices are sent. In U.S. common carrier telephony service, a toll center designated “Class 4C” is an office where assistance in completing incoming calls is provided in addition to other traffic. A toll center designated “Class 4P” is an office where operators handle only outbound calls, or where switching is performed without operator assistance.

Class 5 Office

An end office. Your local central office. The lowest level in the hierarchy of local and long distance switching which AT&T set up when it was “The Bell System.” A class 5 office is a local Central Office that serves as a network entry point for station loops and certain special-service lines. Also called an End Office. Classes 1, 2, 3, and 4 are toll offices in the telephone network.

See also, Engineering and Operations in the Bell system, Second edition, 1977,1983, Bell telephone Laboratories,

Application No.: 11/428,822

replace the existing Class 5 central office switches. This document discloses a web-based interface to provide users access, and “call features,” but proposes an implementation (via replacement of the existing edge switch) and therefore, does not accommodate the existing network infrastructure. Moreover, the features are limited to a local geographic area because of the implementation via the edge switch and there are no first call and second call functionalities. It should be noted that this document antedates Applicants’ parent patent no. 6,574,328, which has a priority date of May 2000.

8. BroadSoft Introduces Industry’s First Complete Service Delivery and Creation Product Suite for Enhanced Telephony Services Broadworks

This document discloses a system for integrating services that are web-enabled and offer specific features such as group directories, call forwarding, option configurations, in to the PSTN and packet (VoIP) networks. The system disclosed is web-enabled and offers specific features such as group directories, call forwarding, option configuration, messaging, and auto attendant services. However, these features are implemented in a different way, by requiring replacement of the existing edge switch with a Broadsoft switch (unlike Applicants’ implementation, which works with the existing edge switch). Again, the features are limited to a local geographic area and there are no first call and second call functionalities.

9. Broadsoft Unveils Advanced Architecture for the Rapid and Cost Effective Delivery of Enhanced Communications Services

This article discloses a set of software tools for building a processing platform directed to a VoIP implementation. This document discloses a system for integrating services for packet (VoIP) networks. The system disclosed is web enabled and offers features such as group directories, call forwarding, option configuration, messaging, and auto attendant services. However, these features are implemented in a different way, by requiring replacement of the existing edge switch with a Broadsoft switch (unlike Applicants’ implementation, which works with the existing edge switch). Again, the features are limited to a local geographic area and there are no first call and second call functionalities.

e.g. Section 4 Network and Systems, Network Structures and Planning,
also See index under Electronic Switching system(s)

Application No.: 11/428,822

10. U.S. Patent No. 6853714 to Liljestrand

This patent is directed to an apparatus and method for enhanced telecommunication services. This patent discloses another VoIP approach to changing the network on a large scale. It proposes an upgrade to the existing carriers' equipment and network architecture. The patent merely mentions the possibility of web access, but does not disclose how to accomplish it, and does not disclose first call and second call functionalities.

11. U.S. Patent No. 4,348,554, U.S. Patent No. 4,611,094 & U.S. Patent No. 4,611,096 to Asmuth

The Asmuth patents disclose a system and method to upgrade the architecture and infrastructure of the public switched network (PSTN) to enable the system to direct telephone calls to a selected group of customers with decisions controlled by the carrier. These patents also do not address web access application of features by subscribers, nor application of features in the entire fabric of networks, or first call and second call functionalities.

Finally, Applicants bring their related patents and applications to the Examiner's attention.

Patent or Application Number	Title	Filed	Docket Number
6529596	Web-Based Control of Telephone	5/4/00	TLM-101
6532288	Tandem Access Control Processor Connected to the Public Switched Telephone Network for Controlling Features	5/4/00	TLM-102
6574328	Telephone Call Control System for the Public Switched Telephone Network	5/4/00	TLM-103



PATENT LAW GROUP LLP
2635 NORTH FIRST STREET
SUITE 223
SAN JOSE CA 95134

COPY MAILED

DEC 17 2007

OFFICE OF PETITIONS

In re Application of :
Samuel F. Wood et al. :
Application No. 11/428,822 :
Filed: July 5, 2006 :
Attorney Docket No. TEL-M-8801-1P-1C :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
37 CFR 1.102(c)(1)

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 8, 2007, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age, must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required.

The instant petition includes a statement from one of the applicant's declaring that he is 65 years of age or older. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Terri Williams at 571-272-2991.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 2614 for action on the merits commensurate with this decision.

T. Williams
Terri Williams
Petitions Examiner
Office of Petitions

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Samuel F. Wood, Jerry A. Klein, Margaret Susan Asprey
Assignee: Telemaze LLC
Title: Tandem Access Controller Within the Public Switched Telephone Network
Serial No.: 11/428,822 Filing Date: July 5, 2006
Examiner: Not yet known Group Art Unit: 2614
Docket No.: TEL-M-8801-1P-1C

San Jose, California
November 8, 2007

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**PETITION TO MAKE SPECIAL
UNDER 37 C.F.R. §1.102 (c)(1)
DUE TO APPLICANT'S AGE**

Dear Commissioner:

Applicant hereby petitions that the above application be made special under 37 C.F.R. §1.102 (c)(1) as stated in MPEP §708.02 for the reason that Applicant's age is 65 or greater. Attached is a Verified Statement of Applicant's Age.

Certificate of Electronic Transmission
I hereby certify that this correspondence is being submitted electronically to the United States Patent and Trademark Office using EFS-Web on the date shown below.

/Brian D Ogonowsky/
Attorney for Applicant(s)

November 8, 2007
Date of Signature

Respectfully submitted,

/Brian D Ogonowsky/

Brian D. Ogonowsky
Attorney for Applicant
Reg. No. 31,988

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Samuel F. Wood, Jerry A. Klein, Margaret Susan Asprey
Assignee: Telemaze LLC
Title: Tandem Access Controller Within the Public Switched Telephone Network
Serial No.: 11/428,822 Filing Date: July 5, 2006
Examiner: Not yet known Group Art Unit: 2614
Docket No.: TEL-M-8801-1P-1C

VERIFIED STATEMENT OF APPLICANT'S AGE

I am a co-inventor in the application identified above.

I declare that I am 68 years old. I was born on MARCH 4, 1939.

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Date: 11/5/07

By: 

Jerry A. Klein
671 Milverton Road
Los Altos, CA 94022

Electronic Patent Application Fee Transmittal

Application Number:	11428822
Filing Date:	05-Jul-2006
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Filer:	Brian D. Ogonowsky/Edith Fuentes
Attorney Docket Number:	TEL-M-8801-1P-1C

Filed as Large Entity

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Petition fee- 37 CFR 1.17(h) (Group III)	1464	1	130	130

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Extension-of-Time:

Ex. 1020
YMax Corporation

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				130

Electronic Acknowledgement Receipt

EFS ID:	2444680
Application Number:	11428822
International Application Number:	
Confirmation Number:	4565
Title of Invention:	Tandem access controller within the public switched telephone network
First Named Inventor/Applicant Name:	Samuel F. Wood
Customer Number:	32566
Filer:	Brian D. Ogonowsky/Edith Fuentes
Filer Authorized By:	Brian D. Ogonowsky
Attorney Docket Number:	TEL-M-8801-1P-1C
Receipt Date:	08-NOV-2007
Filing Date:	05-JUL-2006
Time Stamp:	19:31:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 130
RAM confirmation Number	3532
Deposit Account	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
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Ex. 1020

1	Petition for review by the Office of Petitions.	TEL-M-8801-1P-1C_Petition-to-Make-Special.pdf	94031 257cca86670d231cbc3db35a8b7ba97d973b8402	no	1
Warnings:					
Information:					
2	Miscellaneous Incoming Letter	TEL-M-8801-1P-1C_Verified-Statement-of-Age.pdf	128095 74eadb0a87660c8735a292122362942f41552e75	no	1
Warnings:					
Information:					
3	Fee Worksheet (PTO-06)	fee-info.pdf	8189 d50b4cb23ad22587d5e5267bc7542217b7d20ed2	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			230315		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

STW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Samuel F. Wood, Jerry A. Klein, Margaret Susan Asprey
 Assignee: Telemaze LLC
 Title: Tandem Access Controller Within the Public Switched Telephone Network
 Serial No.: 11/428,822 Filing Date: July 5, 2006
 Examiner: Not yet known Group Art Unit: 2614
 Docket No.: TEL-M-8801-1P-1C

San Jose, California
July 17, 2006

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO/SB/08A are called to the attention of the Examiner for the above patent application. Copies of the References are not included because they were cited in the parent application no. 10/426,279, filing date April 30, 2003.

1. A very large quantity of prior art is cited in the PTO/SB/08A form (formerly PTO 1449) because the present invention is related to the invention in U.S. Patent 6,614,781 to Elliot, and the identified prior art is copied from the "References Cited" section of that patent. There is no other reason for why the Applicants believe the identified art is material to the present claims. Only a few of the prior art documents are discussed below.

2. Various prior art documents describe systems in which telephone features are only applied once a call reaches the called party's central office. In contrast, Applicants' claims specify that the telephone features are applied before the call reaches the terminating central office. This provides various important advantages, discussed in the application. Other distinguishing aspects of the claims also exist.


PATENT LAW
GROUP LLP
2635 N. FIRST ST.
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(408) 382-0480
FAX (408) 382-0481

3. U.S. Patent 6,614,781 to Elliot discloses a method of implementing a telephone feature that requires a change, modification, or enhancement to the software of the central office of the PSTN. To use the features offered by the Elliot '781 patent, the call must reach the central office offering the feature.
4. U.S. Patents 6,445,694 and 6,785,266 to Swartz disclose methods to provide telephone features, where the processing that provides the features occurs outside of the PSTN.
5. U.S. Patent 6,094,478 to Shepherd describes a processor for providing features, where the processor is located at the terminating central office.
6. U.S. Patent 6,853,714 to Liljestrand is similar to the Shepherd patent in that the processing for providing telephone features occurs at the central office.

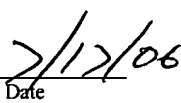
Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.




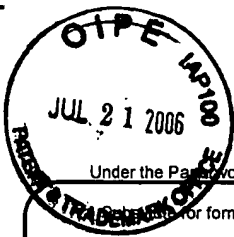
Attorney for Applicant(s)



Date

Respectfully submitted,


Brian D. Ogonowsky
Attorney for Applicant(s)
Reg. No. 31,988



PTO/SB/08A (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 22

Complete if Known

Application Number	11/428,822
Filing Date	July 5, 2006
First Named Inventor	Samuel F. Wood
Art Unit	2614
Examiner Name	Not yet known
Attorney Docket Number	TEL-M-8801-1P-1C

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4100377	Jul., 1978	Flanagan	
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		US- 4569041	Feb., 1986	Takeuchi et al.	
		US- 4608685	Aug., 1986	Jain et al.	
		US- 4630260	Dec., 1986	Toy et al.	
		US- 4630262	Dec., 1986	Callens et al.	
		US- 4661947	Apr., 1987	Lea et al.	
		US- 4674082	Jun., 1987	Flanagin et al.	
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		US- 4707831	Nov., 1987	Weir, deceased et al.	
		US- 4715026	Dec., 1987	Eberspaecher	
		US- 4723238	Feb., 1988	Isreal et al.	
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		US- 4771425	Sep., 1988	Baran et al.	
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		US- 4819228	Apr., 1989	Baran et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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		US- 4866704	Sep., 1989	Bergman	
		US- 4872159	Oct., 1989	Hemmady et al.	
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		US- 4932022	Jun., 1990	Keeney et al.	
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		US- 4953158	Aug., 1990	Schreur	
		US- 4958341	Sep., 1990	Hemmady et al.	
		US- 4962497	Oct., 1990	Ferenc et al.	
		US- 4969184	Nov., 1990	Gordon et al.	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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of 22

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First Named Inventor	Samuel F. Wood
Art Unit	2614
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		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
Sheet 5 of 22	Attorney Docket Number	TEL-M-8801-1P-1C	

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	First Named Inventor Samuel F. Wood
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		US- 5544163	Aug., 1996	Madonna	
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		US- 5600643	Feb., 1997	Robrock, II	
		US- 5600649	Feb., 1997	Sharma et al.	
		US- 5602991	Feb., 1997	Berteau	
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		US- 5608786	Mar., 1997	Gordon	

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		US- 5625677	Apr., 1997	Feiertag et al.	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 8

of 22

Complete if Known

Application Number	11/428,822
Filing Date	July 5, 2006
First Named Inventor	Samuel F. Wood
Art Unit	2614
Examiner Name	Not yet known
Attorney Docket Number	TEL-M-8801-1P-1C

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5724412	Mar., 1998	Srinivasan	
		US- 5729544	Mar., 1998	Lev et al.	
		US- 5732078	Mar., 1998	Arango	
		US- 5737320	Apr., 1998	Madonna	
		US- 5737331	Apr., 1998	Hoppal et al.	
		US- 5737333	Apr., 1998	Civanlar et al.	
		US- 5740164	Apr., 1998	Liron	
		US- 5740231	Apr., 1998	Cohn et al.	
		US- 5742596	Apr., 1998	Baratz et al.	
		US- 5751706	May., 1998	Land et al.	
		US- 5751968	May., 1998	Cohen	
		US- 5754641	May., 1998	Voit et al.	
		US- 5764628	Jun., 1998	Davis et al.	
		US- 5764736	Jun., 1998	Shachar et al.	
		US- 5764750	Jun., 1998	Chau et al.	
		US- 5764756	Jun., 1998	Onweller	
		US- 5777991	Jul., 1998	Adachi et al.	
		US- 5790538	Aug., 1998	Sugar	
		US- 5793762	Aug., 1998	Penners et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	11/428,822
Filing Date	July 5, 2006
First Named Inventor	Samuel F. Wood
Art Unit	2614
Examiner Name	Not yet known
Attorney Docket Number	TEL-M-8801-1P-1C

Sheet 9 of 22

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5793771	Aug., 1998	Darland et al.	
		US- 5799154	Aug., 1998	Kuriyan	
		US- 5805587	Sep., 1998	Norris et al.	
		US- 5805588	Sep., 1998	Petersen	
		US- 5809022	Sep., 1998	Byers et al.	
		US- 5809128	Sep., 1998	McMullin	
		US- 5812534	Sep., 1998	Davis et al.	
		US- 5815505	Sep., 1998	Mills	
		US- 5818912	Oct., 1998	Hammond	
		US- 5825771	Oct., 1998	Cohen et al.	
		US- 5828666	Oct., 1998	Focsaneanu et al.	
		US- 5838665	Nov., 1998	Kahn et al.	
		US- 5867494	Feb., 1999	Krishnaswamy et al.	
		US- 5867495	Feb., 1999	Elliott et al.	
		US- 5881060	Mar., 1999	Morrow et al.	
		US- 5881131	Mar., 1999	Farris et al.	
		US- 5889774	Mar., 1999	Mirashrafi et al.	
		US- 5915008	Jun., 1999	Dulman	
		US- 5922047	Jul., 1999	Newlin et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	11/428,822
		Filing Date	July 5, 2006
		First Named Inventor	Samuel F. Wood
		Art Unit	2614
		Examiner Name	Not yet known
		Attorney Docket Number	TEL-M-8801-1P-1C
Sheet	10	of	22

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5933490	Aug., 1999	White et al.	
		US- 5954799	Sep., 1999	Goheen et al.	
		US- 5963551	Oct., 1999	Minko	
		US- 5991291	Nov., 1999	Asai et al.	
		US- 5999525	Dec., 1999	Krishnaswamy et al.	
		US- 6009469	Dec., 1999	Mattaway et al.	
		US- 6026083	Feb., 2000	Albrow et al.	
		US- 6069890	May., 2000	White et al.	
		US- 6134235	Oct., 2000	Goldman et al.	
		US- 6278707	Aug., 2001	MacMillan et al.	
		US- 6324183	Nov., 2001	Miller et al.	
		US- 6327258	Dec., 2001	Deschaine et al.	
		US- 6339594	Jan., 2002	Civanlar et al.	
		US- 5946684	Aug., 1999	Lund	
		US- 6094478	Jul., 2000	Shepherd et al.	
		US- 6028917	Feb., 2000	Creamer et al.	
		US- 6104800	Aug., 2000	Benson	
		US- 6078581	Jun., 2000	Shtivelman et al.	
		US- 6259692	Jul., 2001	Shtivelman et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>	<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Application Number</td> <td>11/428,822</td> </tr> <tr> <td>Filing Date</td> <td>July 5, 2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Samuel F. Wood</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Not yet known</td> </tr> <tr> <td>Attorney Docket Number</td> <td>TEL-M-8801-1P-1C</td> </tr> </table>	Application Number	11/428,822	Filing Date	July 5, 2006	First Named Inventor	Samuel F. Wood	Art Unit	2614	Examiner Name	Not yet known	Attorney Docket Number	TEL-M-8801-1P-1C
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Sheet 11 of 22													

U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
		US- 6014437	Jan., 2000	Acker et al.	
		US- 5799072	Aug., 1998	Vulcan et al.	
		US- 5946386	Aug., 1999	Rogers et al.	
		US- 6005870	Dec., 1999	Leung et al.	
		US- 6161128	Dec. 2000	Smyk	
		US- 6614781	Sep., 2003	Elliott et al.	
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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				

Examiner Signature	Date Considered	
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TEL-M-8801-1P-1C
First Inventor	Samuel F. Wood
Title	Tandem Access Controller Within The Public
Express Mail Label No.	Electronic Filing

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
--	--

1. **Fee Transmittal Form** (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. **Applicant claims small entity status.**
See 37 CFR 1.27.
3. **Specification** [Total Pages 31]
Both the claims and abstract must start on a new page
(For information on the preferred arrangement, see MPEP 608.01(a))
4. **Drawing(s)** (35 U.S.C. 113) [Total Sheets 11]
5. **Oath or Declaration** [Total Sheets 3]
a. Newly executed (original or copy)
b. A copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. **Application Data Sheet.** See 37 CFR 1.76
7. **CD-ROM or CD-R** in duplicate, large table or
Computer Program (Appendix)
 Landscape Table on CD
8. **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, items a. – c. are required)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. Paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers** (cover sheet & document(s))
Name of Assignee _____
10. **37 CFR 3.73(b) Statement** **Power of Attorney**
(when there is an assignee)
11. **English Translation Document** (if applicable)
12. **Information Disclosure Statement** (PTO/SB/08 or PTO-1449)
 Copies of citations attached
13. **Preliminary Amendment**
14. **Return Receipt Postcard** (MPEP 503)
(Should be specifically itemized)
15. **Certified Copy of Priority Document(s)**
(if foreign priority is claimed)
16. **Nonpublication Request** under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/426,279.....

Prior application information:

Examiner Creighton H. SmithArt Unit: 2614

19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: 32566 OR Correspondence address below

Name	Brian D. Ogonowsky				
Address	Patent Law Group LLP 2635 North First St., Suite 223				
City	San Jose	State	California	Zip Code	95134
Country	USA	Telephone	(408) 382-0480	Email	brian@patentlawgroup.com

Signature	/Brian D Ogonowsky/	Date	2006-07-05
Name (Print/Type)	Brian D. Ogonowsky	Registration No. (Attorney/Agent)	31,988

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Ex. 1020

YMax Corporation

Page 226 of 283

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TEL-M-8801-1P-1C
		Application Number	
Title of Invention	Tandem Access Controller Within the Public Switched Telephone Network		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

- Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1						Remove	
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix		
	Samuel	F.	Wood				
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service							
City	Los Altos Hills	State/Province	CA	Country of Residence i	US		
Citizenship under 37 CFR 1.41(b) i		US					
Mailing Address of Applicant:							
Address 1		12648 La Cresta Court					
Address 2							
City	Los Altos Hills		State/Province	CA			
Postal Code	94022		Countryⁱ	US			
Applicant 2						Remove	
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix		
	Jerry	A.	Klein				
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service							
City	Los Altos	State/Province	CA	Country of Residence i	US		
Citizenship under 37 CFR 1.41(b) i		US					
Mailing Address of Applicant:							
Address 1		671 Milverton Road					
Address 2							
City	Los Altos		State/Province	CA			
Postal Code	94022		Countryⁱ	US			
Applicant 3						Remove	
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix		
	Margaret	Susan	Asprey				
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service							
City	Los Altos	State/Province	CA	Country of Residence i	US		

Ex. 1020

YMax Corporation

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TEL-M-8801-1P-1C	
		Application Number		
Title of Invention	Tandem Access Controller Within the Public Switched Telephone Network			
Citizenship under 37 CFR 1.41(b) i	US			
Mailing Address of Applicant:				
Address 1	422 Traverso Court			
Address 2				
City	Los Altos	State/Province	CA	
Postal Code	94022	Country ⁱ	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.				<input type="button" value="Add"/>

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence Information of this application.			
Customer Number	32566		
Email Address	brian@patentlawgroup.com	<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	Tandem Access Controller Within the Public Switched Telephone Network		
Attorney Docket Number	TEL-M-8801-1P-1C	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	11	Suggested Figure for Publication (if any)	1
Publication Information:			
<input type="checkbox"/> Request Early Publication (Fee required at time of Request 37 CFR 1.219)			
<input type="checkbox"/>	Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.		

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.			
Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> US Representative (37 CFR 1.9020)

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TEL-M-8801-1P-1C
		Application Number	
Title of Invention	Tandem Access Controller Within the Public Switched Telephone Network		
Customer Number	32566		

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	10/426279	2003-04-30
Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/426279	Continuation in part of	09/565565	2000-05-04
Additional Domestic Priority Data may be generated within this form by selecting the Add button.			Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove			
Application Number	Country ⁱ	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			<input type="radio"/> Yes <input checked="" type="radio"/> No
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Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Assignee 1				Remove
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>				
Organization Name	Telemaze LLC			
Mailing Address Information:				
Address 1	101 North First Street			
Address 2				
City	Los Altos	State/Province	CA	
Country ⁱ	US	Postal Code	94022	
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	Application Number	
Title of Invention	Tandem Access Controller Within the Public Switched Telephone Network	

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.					
Signature	/Brian D Ogonowsky/			Date (YYYY-MM-DD)	2006-07-05
First Name	Brian	Last Name	Ogonowsky	Registration Number	31988

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED
TELEPHONE NETWORK

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5

CROSS REFERENCE TO RELATED APPLICATIONS

10 This application is a continuation of U.S. Application Serial No. 10/426,279, filed April 30, 2003, entitled "Branch Calling and Caller ID Based Call Routing Telephone Features," which is a continuation-in-part of U.S. Application Serial No. 09/565,565, now Patent 6,574,328, filed May 4, 2000, entitled "Telephone Call Control System for the Public Switched Telephone Network," both documents being incorporated herein by reference.

FIELD OF THE INVENTION

15 This invention relates to telephone services and, in particular, to a system for allowing a subscriber to select features of the subscriber's telephone service and to various novel features that can be selected.

BACKGROUND

20 People have used various means for limiting interruptions due to the telephone. In the past, people used switchboards and secretaries to screen incoming, or inbound, calls. Voice mail systems took over some of this role both in the home and in the central office. Today, there are web-based companies managing 3rd-party call control, via the toll-switch network, which allow users to enter call control information through a web portal. There are also edge devices in each of the public telephone company's central offices which provide local control, but offer an
25 extremely limited number of features and do not provide true 3rd-party call control.

The web-based toll systems provide good user interaction but they are not economical and cannot take advantage of local number portability because they do not provide local control and connectivity.

5 The Public Switched Telephone Network (PSTN) consists of a plurality of edge switches connected to telephones on one side and to a network of tandem switches on the other. The tandem switch network allows connectivity between all of the edge switches, and a signaling system is used by the PSTN to allow calling and to transmit both calling and called party identity.

10 Until now, optional features were provided by the local service telephone company (telco) through the edge switch at the central office (CO). It was not possible to provide optional features through any other means. Control of these features was done through the first party (calling party) or the second party (called party), or worse yet, manually by calling the business office.

15 In the past, numerous devices have been built that allow the connection of two lines together at an edge switch. These devices can be used to add features to a telephone network by receiving a call on one line and then dialing out on another line. The problem with these devices is that, because they are connected through an edge switch, transmission losses and impairments occur, degrading the overall connection. In addition, signalling limitations prevent full control, by the subscriber or the system, over the call.

20 A preferred embodiment of the inventive system described herein connects at the tandem, thereby eliminating these problems.

25 In the edge devices residing in the PSTN central offices, the 1st party (the calling party) has numerous features available (dialing options). The 2nd party (called party) also has options available such as call forwarding, but these features typically require access from the first or second party's device and are extremely awkward to program. The user interaction is not only awkward, it is limited and requires interaction with the telephone company to provision them. In other words, past systems for provisioning, meaning addition, modification, or control of telephone features, required a subscriber to make the feature selection through the telephone

business office. Central office workers would then implement the provisioning under request of the business office.

5 Call Forwarding is one popular provision. There is signification transmission degradation for Call Forwarding to take place. The calling party pays for a call to the edge device, and the edge subscriber, the called party, pays for the call to the forwarding number. For enhanced inbound call control to occur, a direct 3rd-party call control means is needed.

10 A variety of services have arisen to address the problems mentioned above. Many of these systems allow the called party to make changes to his/her call forwarding attributes which do not allow direct 3rd-party call control. These services provide good user interaction, some via the internet, but they rely upon the toll network through the use of "800" numbers.

15 This requires the subscriber to pay by the minute and does not allow the subscriber to take advantage of number portability in order to obtain 3rd-party call control. There are other toll network mechanisms for remote call forwarding. For example, MCI offers a service where the customer can remotely change the forwarding target number for "800" numbers. Contacting the ultimate end-user before terminating the first incoming call is similar to the manner in which "800" credit calls and collect calls are processed, but these are not done at the local subscriber level.

20 In addition to these toll services, there are edge devices that perform some of the same services. Edge devices such as phones and PBXs that include voice mail, inter-active voice response, call forwarding, speed calling, etc., have been used to provide additional call control. These devices allow the phone user direct control over incoming and outgoing calls. The disadvantage of edge devices is that they add cost, degrade voice and transmission quality, can be difficult to program, are not easily programmed remotely, can require the user to pay for two lines, provide lower quality of service, and cannot provide the same level of functionality as a system that controls the PSTN directly. There are Voice Over Internet Protocol (VoIP) products
25 emerging that provide better user interfaces and control but they do not take advantage and voice quality of the PSTN.

SUMMARY

A system for allowing a subscriber to remotely control features is described herein along with various telephone features that may be programmed into the system. A subscriber may be any customer using the telephone service, in contrast to employees of the PSTN who may use special communication networks within the PSTN.

The present invention adds direct control of third party call control features, but does not suffer from any of the disadvantages listed above, and allows the subscriber to manage his/her telephone system in a dynamic and exceptionally useful manner that is not currently available through the existing PSTN. The invention allows enhanced direct third-party call control features, such as selective call routing and remote dialing, to be added to the PSTN (Public Switched Telephone Network) using local call control and providing dynamic provisioning of the system by the subscriber. Direct 3rd-party control means that the ability to provision the 3rd-party features is directly available to a subscriber, eliminating the need to go through the telephone company (telco) business office.

In one embodiment, the system includes a processor, referred to herein as a tandem access controller (TAC), connected to the PSTN, where the TAC allows a subscriber to set-up and make immediate changes to the configuration of his or her phone line or other communications device. In one embodiment, the TAC subsystem is connected internally to the PSTN in a local service area and is outside the central office of the subscriber. A calling party makes a first call to the subscriber using the subscriber's public telephone number. The TAC receives the first call prior to the call reaching the subscriber's terminating central office, which in some cases avoids a toll. The TAC then carries out the subscriber's instructions for the first call, such as making one or more second calls using telephone numbers different from the subscriber's public telephone number. When the second call is answered, the answering phone is connected by the TAC to the caller.

The TAC provides features, selected by the subscriber, to all edge switches connected to the PSTN tandem switch. Connecting directly to the PSTN tandem switch (or embedding the system into the tandem switch) eliminates the signal degradation problems previously described.

In one embodiment, the system allows provisioning of features via the internet under direct control of the subscriber. Recently, several products have been introduced that provide a means of controlling features via the public internet. However, all these devices fall short in that they require the subscriber to obtain an "800" number or some other number that requires the subscriber to pay a toll charge each time a call is made. The present invention connects locally, so no toll charges are incurred.

The web-enhanced services in one embodiment of the invention coexist with and overlay the local phone service at the local level, thereby providing good economics and user interaction, single number access to multiple subscriber devices, connectivity without transmission impairments and true, direct 3rd-party call control.

The present invention relies upon use of local telephone facilities thereby eliminating all the extra charges associated with making toll calls. It also allows the user to take advantage of number portability and keep his/her existing public phone number.

Examples of two features that may be performed by the TAC are caller ID (CID) based call routing and branch calling. The system allows the subscriber to set up a feature where the CID signal is detected within the PSTN and automatically associated with stored information relating to the caller. The stored information may have been previously entered into a memory within the PSTN by the subscriber via the world wide web. The CID signal may be also used to route the call to one of more forwarding numbers or to take any other action, such as blocking the call. This feature also allows the subscriber to use the CID signal to display certain information even though the caller may have her CID blocked.

Another feature described herein is referred to as branch calling, which allows a call to be forwarded to multiple telephones simultaneously, where the first telephone answered terminates the calling of the other telephones (or any other end units).

The offered features are implemented by software programs run by the processing system.

The web-enhanced services in one embodiment of the invention coexist with and overlay the local phone service at the local level, thereby providing good economics and user

interaction, single number access to multiple subscriber devices, connectivity without transmission impairments and true, direct 3rd-party call control.

The present system relies upon use of local telephone facilities thereby eliminating all the extra charges associated with making toll calls. It also allows the user to take advantage of
5 number portability and keep his/her existing public phone number.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 illustrates the tandem access controller (TAC) in one embodiment of the present invention connected to the existing PSTN tandem switch, the TAC providing features for the subscriber's telephone as requested by the subscriber via the web.

10 Fig. 2 illustrates a system similar to Fig. 1 but showing multiple tandem switches and TACs and also showing how the subscriber may, in addition to using the standard telephone, make phone calls using Voice Over IP via a conventional digital telephone.

Fig. 3 is a flowchart of one method that a person may use to set up a subscriber account and to designate features the subscriber would like for his/her telephone.

15 Fig. 4 is a flowchart of a method that can be performed by the TAC in response to the subscriber (or other service) controlling the TAC, using the web (or other packet-based system), to change the subscriber's telephone provisioning or perform another function, such as make a VoIP call.

20 Fig. 5 is a flowchart of a method that can be performed by the TAC in response to an inbound call to the subscriber.

Fig. 6 is a flowchart of a method performed by the subscriber and the TAC when the subscriber desires to make an outbound call via the web or using a conventional telephone.

Fig. 7 illustrates a system, using the TAC, that allows wireless cell phones to obtain the same provisioning options as the conventional telephones.

Fig. 8 illustrates a system, using the TAC, that allows fax and modem calls to benefit from the provisioning offered by the TAC.

Fig. 9 is a flowchart of possible scenarios using the caller ID based feature.

Fig. 10 is a flowchart of possible scenarios using the branch calling feature.

5 DETAILED DESCRIPTION OF THE EMBODIMENTS

Fig. 1 shows a tandem access controller (TAC) 10 that allows an authorized subscriber 12 to establish 3rd-party control criteria for calls to the subscriber's telephone 14 (having a "public" phone number that callers dial). In one embodiment, the TAC 10 is a programmed processor. The TAC 10 may use any combination of hardware, firmware, or software and, in one embodiment, is a conventional computer programmed to carry out the functions described herein.

The TAC 10 is connected to or inside the conventional PSTN tandem switch 16 such that calls may flow through the TAC 10 in the same manner as the existing PSTN tandem switch, except that additional 3rd-party features are applied to the call. As is well known, PSTN tandem switches are exchanges that direct telephone calls (or other traffic) to central offices 17,18 or to other tandem switches. Details of the operation of the existing phone network may be found in the publication entitled "New Net SS7 Tutorial," by ADC Telecommunications, copyright 1999, incorporated herein by reference. Additional details may be found in the numerous books describing the PSTN.

The PSTN tandem switch 16 directs a first call (from the calling party 20 to the subscriber's phone 14 using the subscriber's public phone number) to the TAC 10, which in turn places a second call, subject to 3rd-party control information, to the subscriber's "private" phone number without yet terminating the first call. The TAC 10 is connected within the subscriber's local service area so calls from TAC 10 to the subscriber do not incur a toll. When the subscriber 12 terminates (or answers) the second call, the TAC 10 terminates the first call and connects it to the second call, thereby connecting the calling party 20 to the subscriber 12. Hence, the calling party essentially calls the TAC 10, using the subscriber's public phone number, and the TAC 10, after processing the call using the selected features, calls the

subscriber, as appropriate, using the subscriber's private phone number and connects the two calls. The process is transparent to the parties.

The TAC 10 is connected inside the PSTN in the sense that it is not an edge device such as a PBX or central office (CO) switch because it does not connect directly to subscribers.

5 Rather, it redirects calls to subscribers. The TAC 10 provides intelligent interconnection between a calling party and a subscriber.

The reader should keep in mind that although only one tandem switch 16 is shown in Fig. 1, the invention will apply equally well to a network of tandem switches, as shown in Fig. 2. Fig. 2 also illustrates how the subscriber can make calls using voice over IP via a
10 conventional digital telephone 21.

Fig. 1 illustrates the preferred method for an authorized subscriber to modify the 3rd-party control criteria by means of the world wide web 22 (and web server 23) using an internet browser. By "authorized" we mean a subscriber who is registered and has logged-in with appropriate security and password controls. The subscriber 12 interacts with the web 22 via the
15 Internet to quickly and easily specify the enhanced 3rd-party call control features. Web 22 then relays this information, in appropriate form, to the TAC 10. Preferably, the link to the TAC 10 uses a secure protocol. Examples of features that can be selected by the subscriber include: conditional call blocking, call forwarding, call altering, time of day conditions, day of week conditions, follow-me, caller recognition/password, caller ID, call screening/retrieval from
20 voice mail, speed dialing, interactive voice response, and speech recognition. Any other feature could be added. These features can be implemented in the TAC 10 using known software techniques since such features are known. Message outgoing call control includes: click-to-dial calling and group calling/messaging.

The invention may also include ivr/vm/voverip.

25 Fig. 1 uses a public internet portal connected via a data link to the TAC 10 or other interface system. As a registered subscriber, a user logs onto the portal (Fig. 3) and is granted access, allowing the user to make additions or changes to features such as speed calling, call forwarding, selection of such descriptors as time of day, busy status, caller ID status, etc. A

user-friendly web page leads the subscriber through the various procedures and available features. The selections made by the subscriber are translated into provisioning data and transmitted to the TAC 10. The TAC 10 in turn keeps track of incoming and outgoing calls based on this information.

5 The subscriber can also program a set of the call control features via a telephone link in the event a data link connection is unavailable.

Fig. 4 is a flowchart of actions that may be taken by the TAC 10 in response to the subscriber (or other service) controlling the TAC, using the web or other packet-based system, to change the subscriber's telephone provisioning or perform another function, such as make a
10 VoIP call.

Fig. 5 is a flowchart of actions taken by the TAC 10 in response to an inbound call (using the subscriber's public phone number) to the subscriber. Examples of some of the actions taken by the TAC 10 are:

Receives SS7 data indicating an incoming call
15 Stores phone numbers downloaded from provisioning system
Charts identity of calling party
Checks time of day
Stores lists of numbers in groups used for processing incoming calls
Places outgoing calls in response to incoming calls according to information
20 downloaded on the data link.

Incoming call data is received by the TAC 10 from the tandem switch 16. The TAC 10 processor checks calling and called numbers, class of service, time of day, number lists, etc. In some cases additional data is gathered from the calling party via a DSP (Digital Signal Processing) system and stored in the system memory. The DSP system is used to play call
25 progress tones and voice announcements as required. Voice announcements can be played through the DSP system. In response to the call data, an outgoing call to the subscriber 12 may

be placed back through the tandem switch 16 by TAC 10. The TAC 10 links the two calls and monitors the connection.

Information about the call may be collected by the TAC 10 and sent to the subscriber or a 3rd party for display. Such information may be the length of the call or information used to bill the subscriber for the use of the system. The provisioning system can also collect control information from a 3rd party and relay it back to the TAC 10, which will then affect the call accordingly.

Fig. 6 is a flowchart of actions taken by the subscriber 12 and the TAC 10 when the subscriber desires to make an outbound call via the web or using a conventional telephone. When using the web to place a call, the subscriber may simply click a name on the computer screen 26 using a mouse.

Fig. 7 illustrates a system, using the TAC 10, that allows wireless cell phones 28 to obtain the same provisioning options as the conventional telephones 14. A local cell 30 and a cell switch 32 are also shown in Fig. 7.

Fig. 8 illustrates a system, using the TAC 10, that allows fax and modem calls to benefit from the provisioning offered by the TAC 10. The TAC 10 may interface the ISP 36 through the web 22.

One embodiment of the invention allows a subscriber to view the current state of his/her telephone via the Internet. Internet is a term of art by which we mean an interconnection of packet switched networks. Prior to this system there was no way for a user to examine the status of a telephone line. Recently, several products have been introduced that provide a means of examining the voice message boxes.

An internet portal is connected via a data link to the TAC 10. When a user logs onto the internet portal and is granted access to an individual subscription, the user can examine the status of calls/features. This information is transmitted from the TAC 10 to the web portal and translated into user viewables. The TAC 10 keeps track of incoming and outgoing calls based on this information.

The TAC 10 may be implemented using conventional processor hardware. The connection to the tandem switch 16 may be as simple as a telephone circuit, since the TAC 10 receives an incoming call from a caller and processes the call. Devising the software/firmware use to control the TAC 10 is well within the capability of those skilled in the art since the various control features that can be made available are generally already known.

Certain advantages that can be obtained using the invention include the following:

Web-Based Telecom Navigator

Manage Incoming Call Control

- Conditional Call Blocking/Forwarding/Alerting
- 10 • Time-of-Day, Day-of-Week, Follow-Me, Caller Recognition/Password, Caller ID, etc.
- Call Screening/Retrieval from Voice Mail
- Interactive Voice Response and Speech Recognition

Manage Outgoing Call Control

- 15 • Click-to-Dial Calling
- Group Calling and Messaging

Web-Based Billing

Web-Driven Personal Communications Management

20 Cost-Effective Single Phone Number Access

On-Line "Personal Digital Assistant"

On-Line "Telcom Navigator"

Inspired User Interaction

Secure and Reliable Technology

Cost-Effective Single Phone Number Access

CLEC Status

- 5
 - Free Local Calls, Incoming Calls (not 800 Toll Service)
 - Retain Current Number (Local Number Portability)
 - Low-Cost Calling Throughout LATA
 - Flat-Rate Foreign Exchange
 - Single Installation Covers Entire LATA
 - VoIP Toll-Bypass
- 10 Compatible With Existing Devices, Standards
 - Standard DTMF and VoIP Phones
 - Wireless Phones
 - Standard Wired/Wireless and PIM Browsers

15 **Web-Based Personal Digital Assistant**

Centralized and Consistent Personal Data

- Build Once, Use Anywhere
 - Private/Public Phone Directories and Calendars
 - "Post-It" Style Annotation of Numbers
-
- 20 Web Dialing
 - Click-to-Dial from Web Pages, Directories, Calendars
 - Multiple Phone List Management

Unified Messaging

- Voice Mail Access, Prompts, Alert Via Web

User Interaction

5 Expected Behavior

- Compatible with Familiar Products (e.g. Palm Pilot)
- Commonality Between All Wired and Wireless

Mode-Based Definition and Selection

- Vacation, Dinner Time, Go Away, Family Call Waiting
- 10
- Templates

Learning Modes

- Persona-Based User Interaction Design
- Speech recognition
- Windows drag and drop

15 Automatic Data Capture

- Build Phone List Based on Collected Usage Information
- Drag and Drop Into Lists

Secure and Reliable Technology

20 Separate Web-Site and Link Gateway

- No Direct External Access to Gateway
- Additional Security Layer

- No Denial-of-Service to Voice Links

VoIP Link Degradation Detection

- Automatic Cutover to PSTN

E-Commerce Security

- 5 • Billing Encryption

Caller ID Based Call Routing

One advantage of using TAC 10 is its ability to enhance caller ID information. Caller ID is a common feature where a calling party's telephone number is transmitted to the called party's telephone so it can be displayed on a small display screen in the telephone. This caller ID information is provided by the calling party's central office switch. Signaling System No. 7 (SS7) is a global standard for telecommunications and defines the procedures and protocol by which network elements in the PSTN exchange information (including the caller ID) over the telephone network for call set up, routing, and control. In some telephone sets, including wireless telephones, the name of the caller associated with the telephone number is also displayed on the called party's display screen.

TAC 10 can use this automatically generated caller ID signal to provide an enhanced set of caller ID related features. One such feature is the association of the standard caller ID information with additional information about the caller stored in a memory addressed by TAC 10. The enhanced caller ID information provided through TAC 10 provides a valuable tool to the subscriber in handling incoming calls. The basic caller ID information, such as the caller's telephone number and name, can still be sent to the subscriber's phone and displayed in a conventional manner while the enhanced caller ID information may be displayed on the phone display or on the subscriber's computer monitor via the web.

The caller ID signals, pursuant to the SS7 protocol, are detected by TAC 10 when a calling party calls the subscriber using the subscriber's public telephone number, as previously described. TAC 10 then uses the basic caller ID data to address a look-up table (LUT)

containing any additional information that the subscriber has entered into the LUT's memory locations for association with that caller ID data. Fig. 8 shows such a LUT 40 within or connected to TAC 10.

5 In one example, the subscriber may identify a prospective calling party's telephone number to TAC 10 via the Internet and then associate the number with any other information for storing in LUT 40. Such other information may be all the possible callers using the calling telephone, personal information regarding the calling party, billing information, business information, account numbers, past discussions with the caller, or any other information. When TAC 10 detects the caller ID signals, TAC 10 addresses LUT 40 and downloads the retrieved information to the subscriber's telephone display or to the subscriber's computer via the web. 10 Since TAC 10 (including LUT 40) stores this additional information, the subscriber is not required to personally provide processing or memory devices for this feature.

Multiple subscribers use the same TAC 10 and LUT 40 but only the memory locations in LUT 40 authorized for access by a particular subscriber are available to that subscriber.

15 A subscriber may program TAC 10 using the various means described previously to perform any number of features on an incoming telephone call based upon the caller ID data. Such features include forwarding a call associated with that particular caller ID data to one or more other telephones, or blocking calls associated with that particular caller ID data. Such calls may be forwarded or blocked only at certain times or on certain days as requested by the subscriber. All of the other features previously described may also be applied based upon the 20 caller ID.

When the calling party elects to block her caller ID information, displaying the caller's number and name on the subscriber's telephone may violate the privacy act, so such a restriction should be programmed into the system. However, TAC 10 may still use the caller ID information for various legal purposes. For example, the subscriber may not wish to receive 25 phone calls from a particular phone number or calling party. The subscriber may transmit to TAC 10 the caller ID information (e.g., the telephone number and/or the name) and instruct TAC 10 to either forward the call, block the call, or transmit any additional information from LUT 40 to the subscriber's phone display or computer monitor for screening the caller.

If caller ID information does not exist, such as where the local telephone company does not offer caller ID, TAC 10, when receiving the incoming call, can transmit an automatic message to the caller to enter identification information. TAC 10 then uses that information to address LUT 40 to identify any associated information in LUT 40 for transmission to the subscriber. TAC 10, in a recorded or simulated voice, can request the caller to enter her phone number via the telephone keypad. Alternatively, TAC can request that the caller speak her name or number, which would then be played to the subscriber or converted to text or a code by TAC 10 to address LUT 40. Alternatively, the caller can enter a personal identification number or any other type of code (e.g., the caller's name) via the keypad, which would identify the caller to TAC 10. Once obtained, the caller ID information entered can be used to route the incoming call via TAC 10 in any way programmed by the subscriber. Call routing can be based on time of day, the caller ID, any web input instructions, a direction by the calling party itself, or any other variable.

This technique is contrasted with 800-type services, which are reverse long distance services requiring the owner of the 800 number to pay for the incoming call. With 800 numbers, the caller ID must be unblocked to identify the amount of the toll. With the inventive technique, even blocked caller ID calls can result in information about the caller being transmitted to the subscriber or used by TAC 10 to selectively perform a function.

Fig. 9 is a flowchart of various scenarios that may be carried out using the caller ID feature.

In step 50 of Fig. 9, an incoming call is received by TAC 10, as previously described, by a calling party calling the subscriber's public telephone number. In all embodiments described herein, the end unit called may be a residential telephone or other communication device connected to the PSTN via a central office, such as a computer, fax machine, or other communication device. The services provided by TAC 10 may be for residential telephone service or for business telephone service.

In step 52, using the SS7 protocol, TAC 10 detects the caller ID signal (CID), if any. Even if the calling party has a blocked CID, the CID is still transmitted to TAC 10; however the blocked caller ID cannot be displayed on the called party's telephone. If the CID is detected,

the process continues to steps 54 and 56, which determine whether the CID is associated with any data in a look-up table. Existing data in the look-up table associated with the CID indicates that the caller is a previous caller. If caller ID information is known without ever previously receiving a call from that party, the additional information can still be entered into the look-up table, and the calling party will be treated as not a new caller in step 54.

Assuming the caller has information stored in the look-up table, this additional information is retrieved by TAC 10 and displayed on a web page (step 58) that is accessible by the subscriber via the web. In addition, the caller's name and telephone number may also be displayed (step 60). The information may also be transmitted to the subscriber's telephone for display.

In step 62, TAC 10 performs any programmed function on the call, such as forwarding the call to the subscriber's private telephone number or another number.

The placing of the second call by TAC 10 causes the called phone to ring (step 64) as well as causes the CID and additional information to be available to the subscriber (step 66) on the subscriber's telephone display. When the subscriber answers the phone, TAC 10 completes the connection between the two parties.

The retrieved information from LUT 40 that is transmitted over the web may appear as a screen pop-up on the subscriber's monitor. This CID information can then be reviewed and edited to include new information about the caller provided during the call. The subscriber then downloads this edited information to TAC 10 so future calls from the same caller would display the new information.

In step 54 if it is determined that the CID information is not associated with any existing information in the look-up table, TAC 10 determines whether the CID is blocked (identified in the SS7 protocol) in step 68. If the CID is not blocked, then the CID information is transmitted to the subscriber's telephone when TAC 10 places the call to the subscriber's private number (or any other forwarding number), and the CID is displayed on the subscriber's phone.

In step 68, if it is determined that the CID is blocked, TAC 10 will prompt the caller, via a recorded message or a simulated voice, to press the appropriate touch tone buttons to unblock

the CID (step 70). For example, TAC 10 may be programmed to detect that a “1” key is pressed by the caller to unblock CID and then treat the CID information as unblocked. Alternatively, the caller may be required to call back after pressing the proper touch tone keys to unblock the CID in a conventional way.

5 In step 72, if the CID is now unblocked, the CID is obtained from the caller in step 74. The process also goes to step 74 if, in step 52, the CID is not initially obtained.

 In step 76, TAC 10 determines whether the CID signal has been provided by the calling party from either the automatic CID signals or from the caller manually entering the caller’s telephone number, name, or PIN, as previously described. If yes, then in step 54 TAC 10 uses
10 the CID information to determine whether the caller is a new caller, and the remainder of the process continues as previously described.

 In step 72, if it is determined that the CID remains blocked after TAC 10 has prompted the caller to unblock the CID, then in step 74 it is determined by TAC 10 is step 77 (after reviewing the subscriber’s programmed instructions) whether the subscriber is accepting
15 blocked calls. If yes, TAC 10 then places a call to the subscriber’s private number or any other number identified by the subscriber, and puts the blocked call through. The blocked CID information would not be transmitted to the subscriber’s phone.

 If the subscriber’s instructions are to not accept blocked calls, then in step 78 the blocked call is not forwarded to the subscriber’s phone, or the blocked call is sent to voice mail.
20 Voice mail may be a memory internal to TAC 10, or TAC 10 may transmit a special code to the subscriber’s phone that automatically causes the call to be routed to a private voice mail system.

 As seen, as long as the caller ID data received by TAC 10 has information associated with it in the look-up table, the stored information can be transmitted to the subscriber even if the caller ID is blocked. Further, even blocked caller IDs can still be used by TAC 10 to
25 perform a routing function on the call. The caller ID feature may be implemented by a software program run by the processing system in TAC 10.

 Because the conventional blocked CID information provided by the phone company is never displayed to the subscriber, the tagging system does not violate the privacy act. Known

features such as call trace (where CID is provided to law enforcement people), or call return (where the blocked caller can be called back) have established a legal precedent that it is ok to use blocked CID information for certain purposes as long as the caller ID is not disclosed to the called party

5

Branch Calling

Branch calling is an enhanced telephone feature not believed to be provided on today's public telephone networks. This feature can be easily provided using TAC 10.

Branch calling is a technique where a caller places a first call intended for a called party
10 to TAC 10. After receiving the call, TAC 10 looks up the call handling instructions
programmed into TAC 10 by the subscriber via the web, via the telephone, or via any other
technique. One set of these instructions is branch calling, which instructs TAC 10 to
simultaneously call any number of different telephone numbers programmed into TAC 10 by
the subscriber. The called phone numbers may be any combination of local, long distance, or
15 cellular numbers.

When a party answers one of the ringing lines, the answering party is connected to the calling party, and the other calls are abandoned.

For branch calling to operate in the most desirable manner, the system must detect that a call has been answered in order to terminate the calls to the other telephones (or other end
20 units). Accordingly, some form of answer supervision must be present. Answer supervision is implemented inside the PSTN but generally not available to private networks (e.g., PABXs). Since SS7 signaling supports answer supervision, it is easy for this branch calling feature to be provided through TAC 10 since TAC 10 is connected inside the PSTN.

Prior art systems without answer supervision must call each forwarding number
25 sequentially, whereby after a certain number of preprogrammed rings, the calling stops and the next number is called until someone answers the phone. Because a ringing time-out must occur before the next call can be tried, an unrealistically long delay can occur before the call is placed

to the proper telephone and finally answered. In contrast, the present invention allows TAC 10 to ring all the numbers simultaneously so the call can be answered quickly.

It is desirable that the answer supervision signaling not be delayed so that the calling and called parties may be connected quickly when the call is answered and so that during the delay time two parties do not answer two different ringing phones.

Fig. 10 is a flowchart of some scenarios in branch calling, whereby an incoming call to TAC 10 causes TAC 10 to place at least two new calls simultaneously and, when one of these phones is answered, the remaining calls are abandoned.

In step 80 of Fig. 10, TAC 10 receives an incoming call.

In step 82, TAC 10 looks up the routing instructions for the DNIS (Dialed Number Identification Service) and caller ID (if any). The DNIS identifies the number that was called, and the caller ID (CID) identifies the calling telephone number and sometimes the caller. DNIS works by transmitting the touch tone digits to TAC 10. A subscriber for TAC 10 may program TAC 10, as previously described, to perform any number of functions based upon the DNIS number, the CID, the time of day, or based upon any other factor. Such instructions may be stored in a look-up table addressed by the subscriber's public phone number (identified by the DNIS number). Since multiple subscribers will be using the same TAC 10, TAC 10 needs to know what number was dialed in order to perform the function on the call selected by the subscriber.

In step 86, TAC 10 identifies the features to apply to the incoming call. If the instructions are to block the call, then TAC 10 blocks the call in step 87. In the present example, it is assumed that the feature the subscriber wants to apply is a branch calling feature where two telephone numbers are to be called by TAC 10.

In step 88, TAC 10 generates a ring back tone to the caller to indicate that a telephone is ringing.

In step 90, TAC 10 places a call to a first telephone number, which causes the called phone to ring (step 92). Parallel operations are performed for a second phone number in steps 93 and 95.

5 In step 96, it is determined by TAC 10 whether the first phone has been answered using answer supervision signaling provided by SS7 (step 98).

In response to the answer supervision signaling, TAC 10 abandons the other call to the second telephone (step 100).

10 In step 102, TAC 10 completes the phone call by connecting the calling party to the answered telephone. This process may be applied to other than telephones, such as computers or other types of communication equipment.

In step 96, if the call is not answered after the ring, it is determined whether the other telephone has been answered (step 104). If not, the two phones continue to ring.

15 If it is determined in step 104 that another telephone has been answered (i.e., the answer supervision signal has been received by TAC 10), the call to the first telephone is abandoned (step 106).

The same operation is performed with respect to the second telephone call in steps 108-112.

Any number of telephone calls may be simultaneously placed by TAC 10 in response to a branch calling instruction.

20 In step 86, if the instructions programmed by the subscriber are to block the call, then TAC 10 blocks the call in step 116.

25 While particular embodiments of the present invention have been shown and described, it will be obvious to those skilled in the art that changes and modifications may be made without departing from this invention in its broader aspects and, therefore, the appended claims are to encompass within their scope all such changes and modifications that fall within the true spirit and scope of this invention.

CLAIMS

What is claimed is:

1. A method performed by a user of a public switched telephone network (PSTN), said user having a communications device, said method comprising:

accessing a remote tandem access controller (TAC) via the Internet by said user, said TAC being within the PSTN and coupled to a PSTN tandem switch for a local service area with respect to said user, said TAC for processing incoming calls from a calling party, via said tandem switch, intended by said calling party to be received by said user's communications device;

selecting features by the user via the Internet to be applied by said TAC to said incoming calls,

wherein said TAC receives a first call from a calling party intended for said user's communication device and processes said first call in accordance with said features prior to the first call reaching a terminating central office, said method performed by said user further comprising:

receiving a second call by said user from said TAC, via said tandem switch, after said first call has been processed by said TAC in accordance with said features selected and without the first call reaching the terminating central office; and

answering said second call to cause said TAC to complete a communications link between said calling party and said user.

2. The method of claim 1 wherein said TAC receiving a first call from said calling party comprises said calling party calling a first telephone number, and said receiving a second call from said TAC comprises said TAC placing said second call to a communications device designated by said user using a second telephone number.

3. The method of claim 1 wherein said user's communications device is a telephone, and wherein answering said second call causes said TAC to connect a calling party's communication device to said user's telephone.

4. The method of claim 1 wherein said user's communications device is a telephone, and wherein answering said second call causes said TAC to connect a calling party's communication device to other than said user's telephone, as designated by said user during said step of selecting features.

5. The method of claim 1 wherein said user's communications device is a computer, and wherein answering said second call causes said TAC to connect a calling party's communication device to said user's computer.

6. The method of claim 1 wherein said first call is placed by said calling party through a PSTN central office to said TAC, and said second call is a non-toll call placed by said TAC through a central office to said user's communications device.

7. The method of claim 1 wherein said features are selected from the one of:

a) selective call forwarding wherein said second call is to a particular communications device is based on one of a time of said first call and the party making the first call; and

b) conditional call blocking.

8. The method of claim 1 wherein said TAC receiving a first call from a calling party comprises receiving said first call via said tandem switch in said PSTN.

9. The method of claim 1 further comprising accessing said TAC by said user via the Internet to obtain information regarding calls received and placed by said user.

10. The method of claim 1 further comprising:

accessing said TAC to place a call by said user to a third party, said TAC placing said call to said third party; and

communicating with said third party after said TAC connects said user's communications device to a communications device of said third party.

11. The method of claim 1 wherein said accessing said TAC comprises using the Internet to communicate a telephone number to said TAC for placing a call to said third party.

12. The method of claim 1, wherein the selection of features to be applied to said TAC to one of an incoming and an outgoing call are selected by the subscriber via the Internet using one of a computing device, a wireless device, a cellular device, a personal digital assistant (PDA), and an information appliance; and wherein said function selected by said subscriber comprises at least one of:

- Web-Based Telecom Navigator;
- Manage Incoming Call Control;
- Conditional Call Blocking/Forwarding/Alerting;
- Call Screening/Retrieval from Voice Mail;
- Interactive Voice Response and Speech Recognition;
- Manage Outgoing Call Control;
- Click-to-Dial Calling;
- Group Calling and Messaging;
- Web-Based Billing;
- Cost-Effective Single Phone Number Access;
- Free Local Calls, Incoming Calls (not 800 Toll Service);
- Retain Current Number (Local Number Portability);
- Low-Cost Calling Throughout LATA;
- Flat-Rate Foreign Exchange;
- Standard DTMF and VoIP Phones;
- Centralized and Consistent Personal Data;
- Private/Public Phone Directories and Calendars;
- "Post-It" Style Annotation of Numbers;
- Web Dialing;
- Click-to-Dial from Web Pages, Directories, Calendars;

Multiple Phone List Management;
Voice Mail Access, Prompts, Alert Via Web;
Mode-Based Definition and Selection, comprising Time-of-Day, Day-of-Week, Follow-Me, Caller Recognition/Password, Caller ID, Vacation, Dinner Time, Go Away, Family Call Waiting;
Learning Modes;
Automatic Data Capture;
Build Phone List Based on Collected Usage Information;
VoIP Link Degradation Detection; and
Automatic Cutover to PSTN.

13. A method performed by a processor coupled to a public switched telephone network (PSTN) tandem switch and within the PSTN comprising:

receiving a first call through said tandem switch from a calling party intended for a subscriber after said calling party has entered a first telephone number, said first telephone number being said subscriber's public telephone number, said processor applying features selected by said subscriber to said first call prior to the first call reaching a terminating central office;

placing a second call to said subscriber using a second telephone number different from said first telephone number, said second call being a non-toll call to said subscriber, said processor completing a communications path between said calling party and said subscriber after said subscriber has received said second call; and

activating features selected by said subscriber via the Internet to be applied to a call intended for said subscriber.

14. The method of claim 13 further comprising connecting a calling party's communication device to other than said subscriber's telephone, as designated by said subscriber pursuant to said features selected by said subscriber, after said subscriber has answered said second call.

15. The method of claim 13 wherein said first call is placed by said calling party through a PSTN central office to said processor, and said second call is placed by said processor through a central office.

16. The method of claim 13 wherein said features are selected from:

a) one of selective call forwarding wherein said second call to a particular communications device is based on one of a time of said first call and the particular calling party making said first call; and

b) conditional call blocking.

17. The method of claim 13 further comprising:

receiving a local third call by said processor, via said tandem switch, placed by said subscriber for a third party, said processor placing a fourth call to said third party, via said tandem switch; and

connecting said subscriber to said third party after said third party receives said fourth call.

18. The method of claim 13, wherein the selection of features to be applied to said TAC to one of an incoming and an outgoing call are selected by the subscriber via the Internet using one of a computing device, a wireless device, a cellular device, a personal digital assistant (PDA), and an information appliance; and wherein said function selected by said subscriber comprises at least one of:

Web-Based Telecom Navigator;

Manage Incoming Call Control;

Conditional Call Blocking/Forwarding/Alerting;

Call Screening/Retrieval from Voice Mail;

Interactive Voice Response and Speech Recognition;

Manage Outgoing Call Control;

Click-to-Dial Calling;

Group Calling and Messaging;

Web-Based Billing;
Cost-Effective Single Phone Number Access;
Free Local Calls, Incoming Calls (not 800 Toll Service);
Retain Current Number (Local Number Portability);
Low-Cost Calling Throughout LATA;
Flat-Rate Foreign Exchange;
Standard DTMF and VoIP Phones;
Centralized and Consistent Personal Data;
Private/Public Phone Directories and Calendars;
"Post-It" Style Annotation of Numbers;
Web Dialing;
Click-to-Dial from Web Pages, Directories, Calendars;
Multiple Phone List Management; Voice Mail Access, Prompts, Alert Via Web;
Mode-Based Definition and Selection, comprising Time-of-Day, Day-of-Week, Follow-
Me, Caller Recognition/Password, Caller ID, Vacation, Dinner Time, Go Away, Family
Call Waiting;
Learning Modes;
Automatic Data Capture;
Build Phone List Based on Collected Usage Information;
VoIP Link Degradation Detection; and
Automatic Cutover to PSTN.

19. A method of placing and receiving telephone calls through a public switched telephone network (PSTN) tandem switch and within the PSTN comprising the steps of:

receiving a first call from a tandem access controller (TAC) through said tandem switch from a calling party intended for a subscriber after said calling party has entered a first telephone number, said first telephone number being said subscriber's public telephone number, said TAC being in a local service area with respect to said subscriber, said TAC receiving the first call prior to the first call reaching a terminating central office;

activating features, selected by said subscriber via the Internet, to said first call prior to the first call reaching a terminating central office;

placing a second call to said subscriber using a second telephone number different from said first telephone number, said second call being a non-toll call to said subscriber; and

completing a communications path between said calling party and said subscriber after said subscriber has received said second call.

20. The method of claim 19 wherein answering said second call causes said TAC to connect a calling party's communication device to other than said subscriber's telephone, as designated by said subscriber pursuant to said features selected by said subscriber.

21. The method of claim 19 wherein:

said first call is placed by said calling party through a PSTN central office to said TAC;
and

said second call is placed by said TAC through a terminating central office.

22. The method of claim 19 wherein said features are selected from one of:

a) selective call forward wherein said second call is made to a particular communications device based on one of a time of first call and the particular calling party making said first call; and

b) conditional call blocking.

23. The method of claim 19 comprising said further steps of:

receiving a local third call at said TAC, via said tandem switch, placed by said subscriber for a third party,

placing a fourth call through said TAC to said third party, via said tandem switch; and

connecting said subscriber through said TAC to said third party after said third party receives said fourth call.

24. The method of claim 19 wherein said function selected by said subscriber comprises at least one of:

- Web-Based Telecom Navigator;
- Manage Incoming Call Control;
- Conditional Call Blocking/Forwarding/Alerting;
- Call Screening/Retrieval from Voice Mail;
- Interactive Voice Response and Speech Recognition;
- Manage Outgoing Call Control;
- Click-to-Dial Calling;
- Group Calling and Messaging;
- Web-Based Billing;
- Cost-Effective Single Phone Number Access;
- Free Local Calls, Incoming Calls (not 800 Toll Service);
- Retain Current Number (Local Number Portability);
- Low-Cost Calling Throughout LATA;
- Flat-Rate Foreign Exchange;
- Standard DTMF and VoIP Phones;
- Centralized and Consistent Personal Data;
- Private/Public Phone Directories and Calendars;
- "Post-It" Style Annotation of Numbers;
- Web Dialing;
- Click-to-Dial from Web Pages, Directories, Calendars;
- Multiple Phone List Management;
- Voice Mail Access, Prompts, Alert Via Web;
- Mode-Based Definition and Selection, comprising Time-of-Day, Day-of-Week, Follow-Me, Caller Recognition/Password, Caller ID, Vacation, Dinner Time, Go Away, Family Call Waiting;
- Learning Modes;
- Automatic Data Capture;
- Build Phone List Based on Collected Usage Information;

VoIP Link Degradation Detection; and
Automatic Cutover to PSTN.

TANDEM ACCESS CONTROLLER WITHIN THE PUBLIC SWITCHED
TELEPHONE NETWORK

ABSTRACT OF THE DISCLOSURE

In one embodiment, the system includes a processor, referred to herein as a tandem access controller (TAC), coupled to the PSTN, where the TAC allows a subscriber to set-up and make changes to the configuration of his or her phone line or other communications device. Such changes include selective call forwarding. In one embodiment, the TAC is controlled by the subscriber using the web. The TAC is coupled internally to the PSTN in a local service area and is outside the central office of the subscriber. A calling party makes a first call to the subscriber using the subscriber's public telephone number. The TAC receives the first call prior to the call reaching the subscriber's terminating central office, which in some cases avoids a toll. The TAC then carries out the subscriber's instructions for the first call, such as making one or more second calls using telephone numbers different from the subscriber's public telephone number. When the second call is answered, the answering phone is connected by the TAC to the caller.

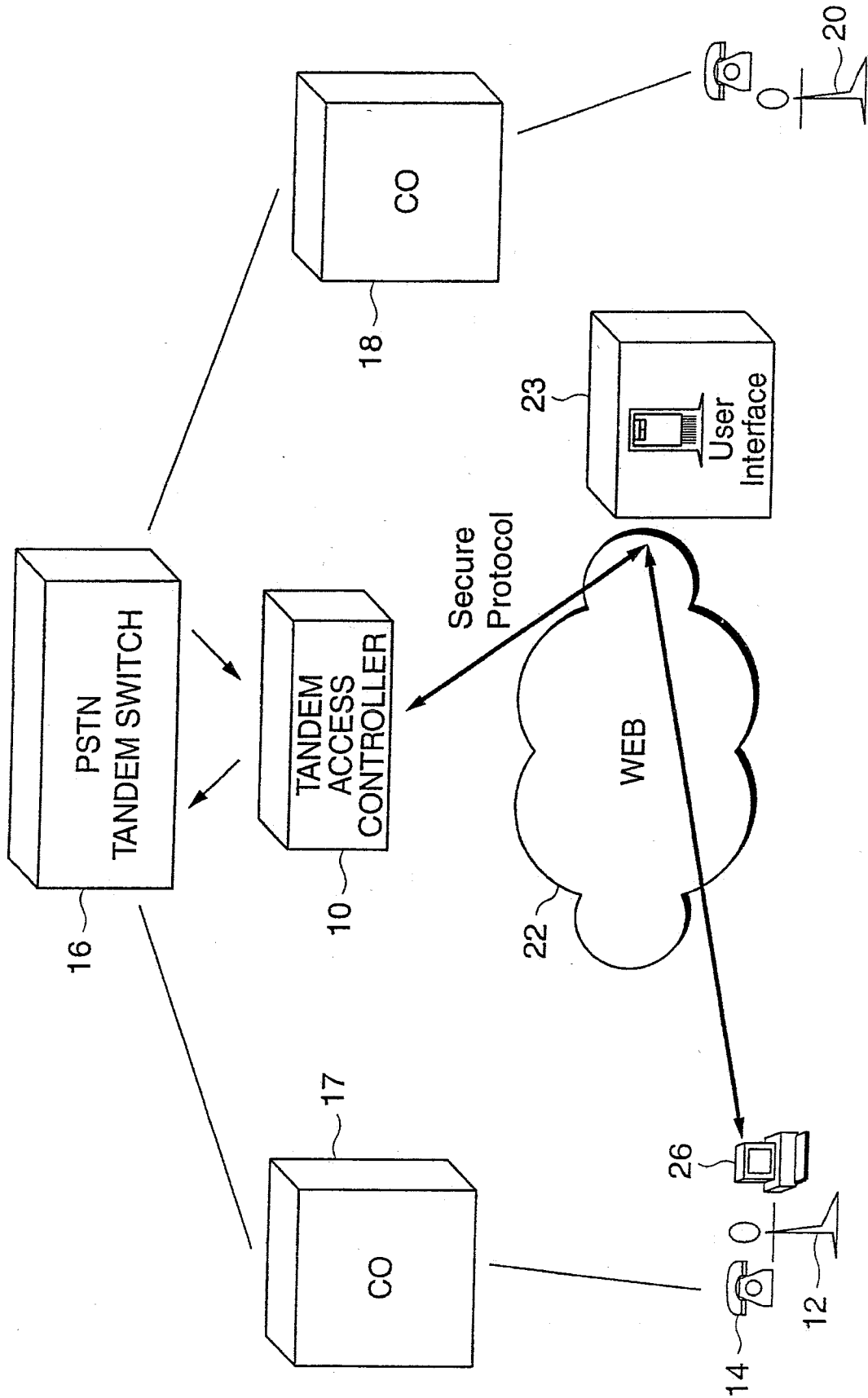


FIG. 1

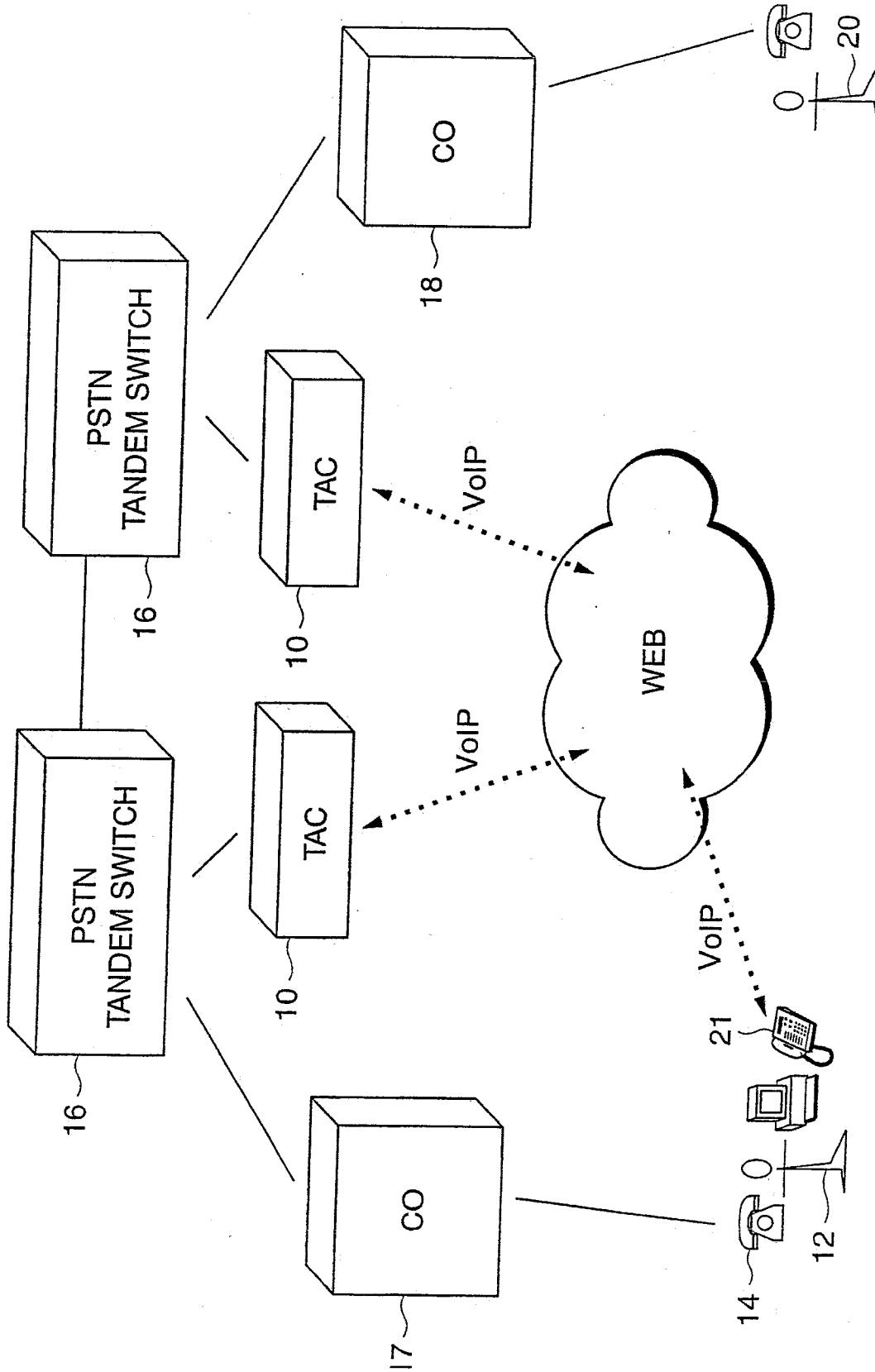
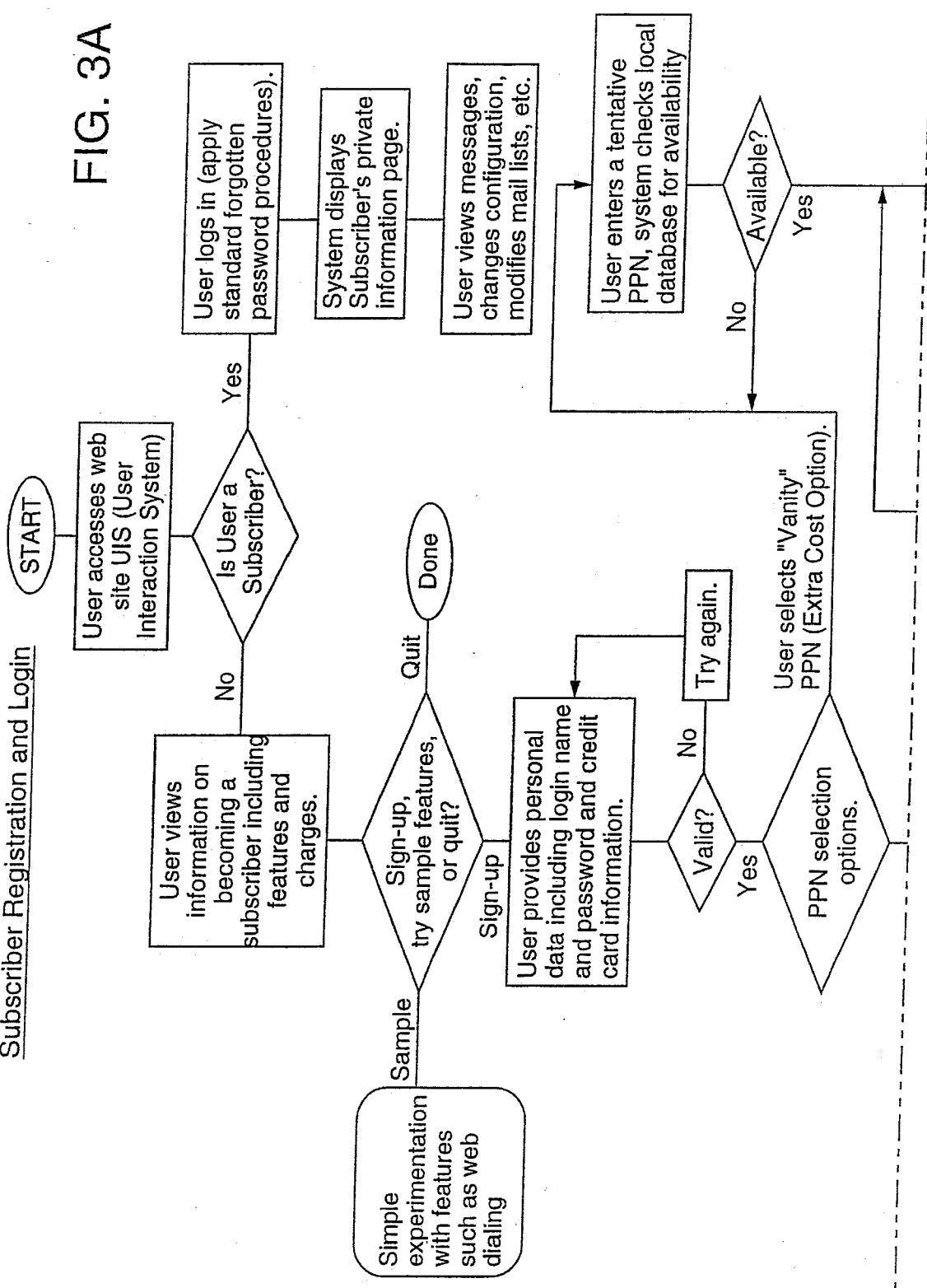
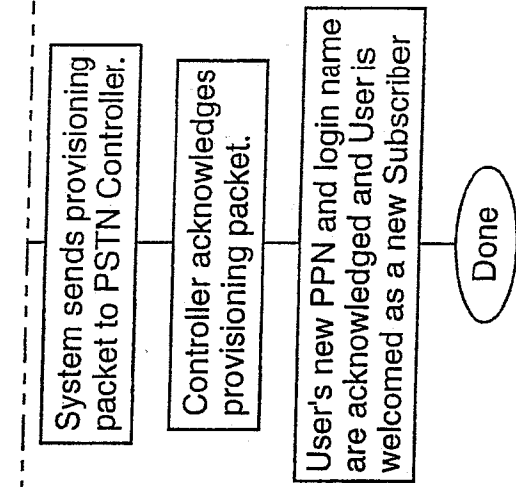


FIG. 2

Subscriber Registration and Login

FIG. 3A





Acronyms

- PPN - Public Phone Number allocated by oneCloud (known to public, on business cards, etc., rings oneCloud).
- LPN - Local Phone Number from local telco (rings user's phone but is only known to oneCloud and local telco).
- UIS - User Interaction System - web site user interfaces with in order to control phone features.
- TAC - Tandem Acces Controller - System that directly accesses the PSTN.

FIG. 3A
FIG. 3B

FIG. 3

FIG. 3B

Incoming Message Processing for
PSTN Tandem Access Controller

Acronyms

- PPN - Public Phone Number allocated by oneCloud (known to public, on business cards, etc., rings oneCloud).
- LPN - Local Phone Number from local telco (rings user's phone but is only known to oneCloud and local telco).
- UIS - User Interaction System - web site user interfaces with in order to control phone features.
- TAC - Tandem Access Controller - System that directly accesses the PSTN.

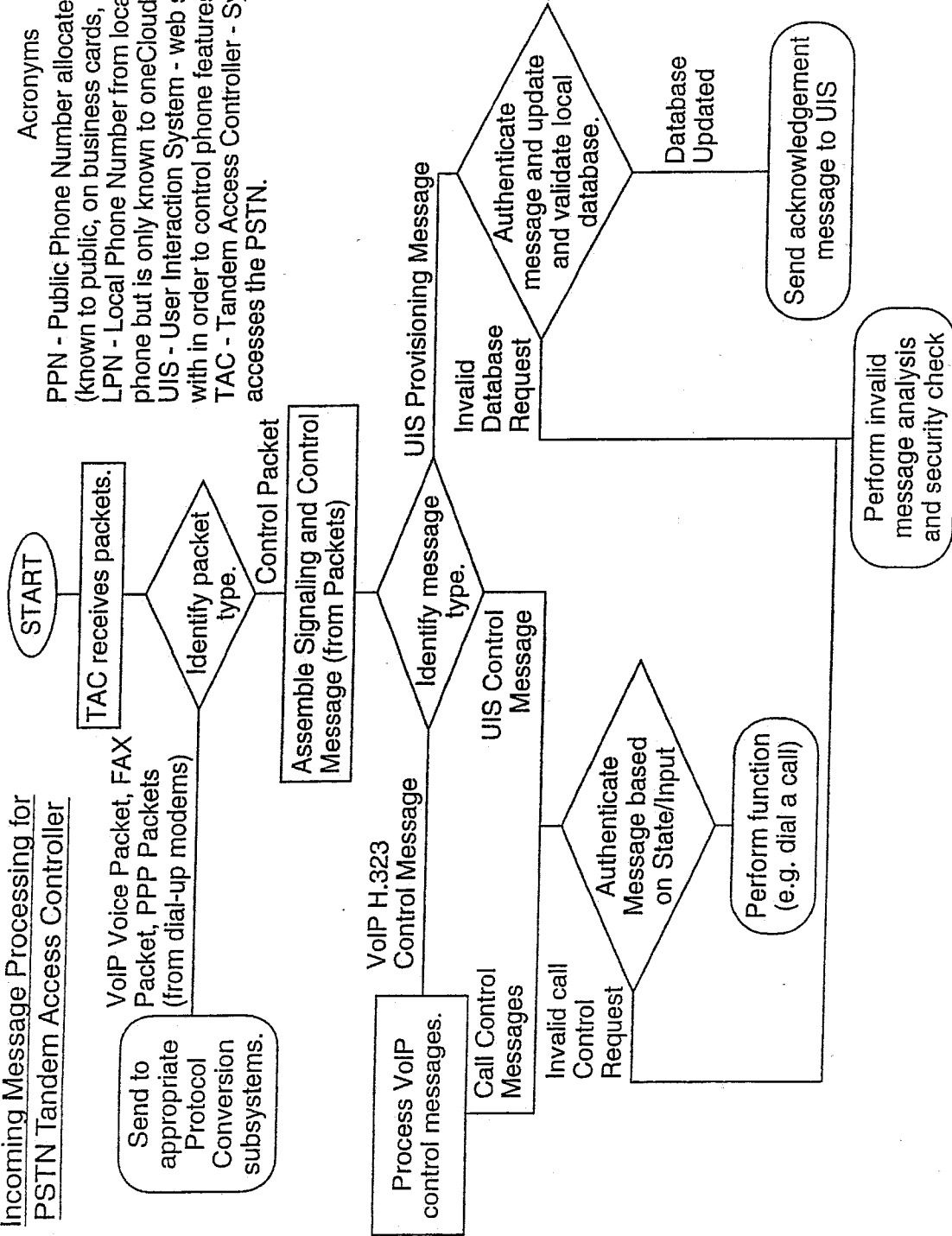


FIG. 4

Inbound Call (to Subscriber)

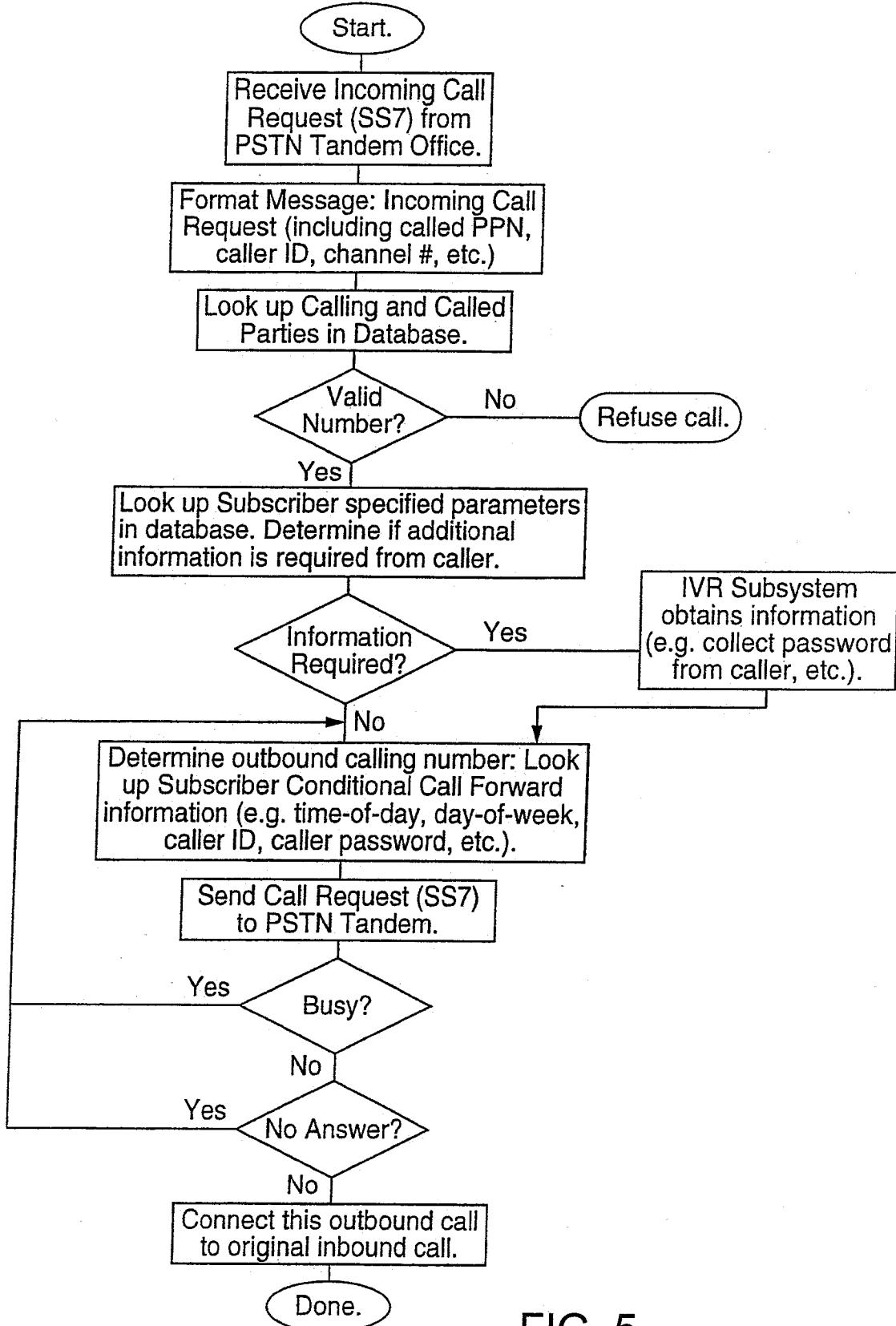


FIG. 5

Outbound Call (from Subscriber)

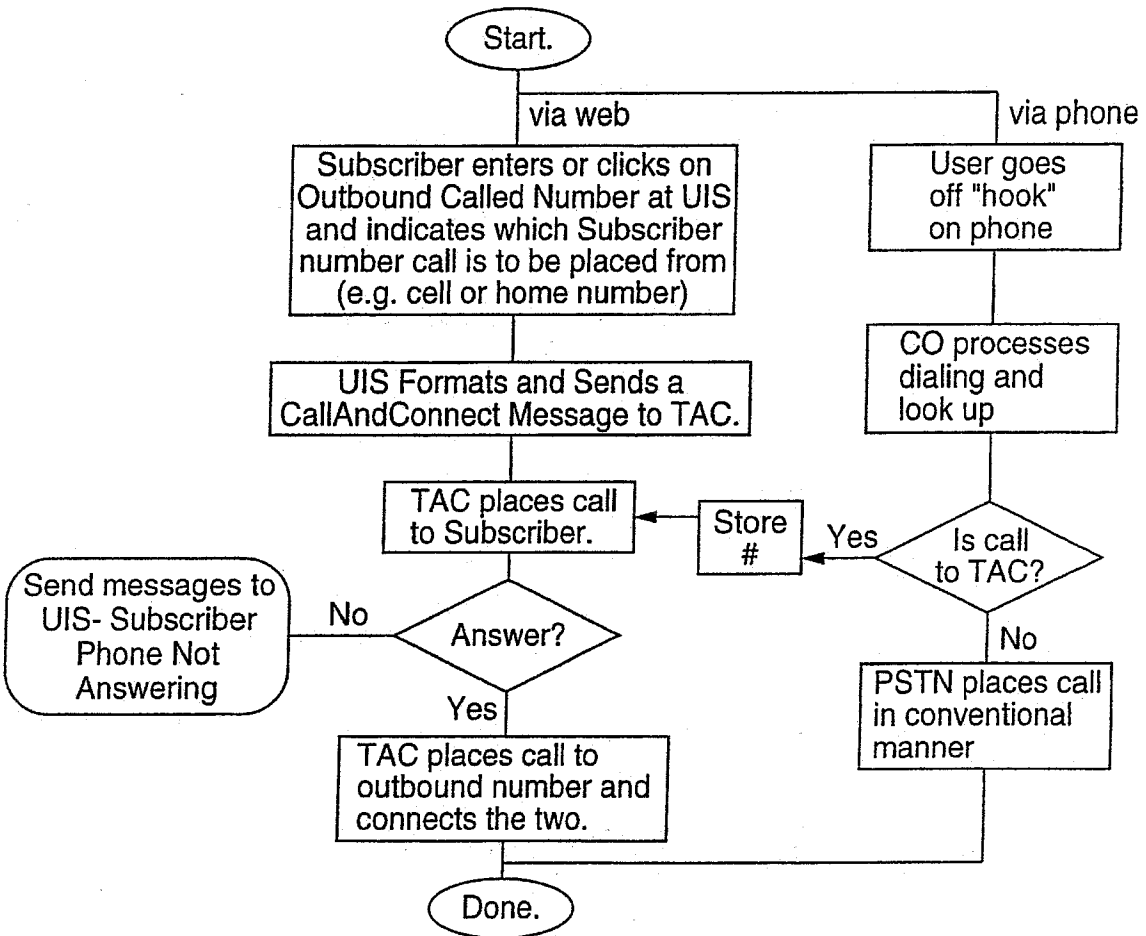


FIG. 6

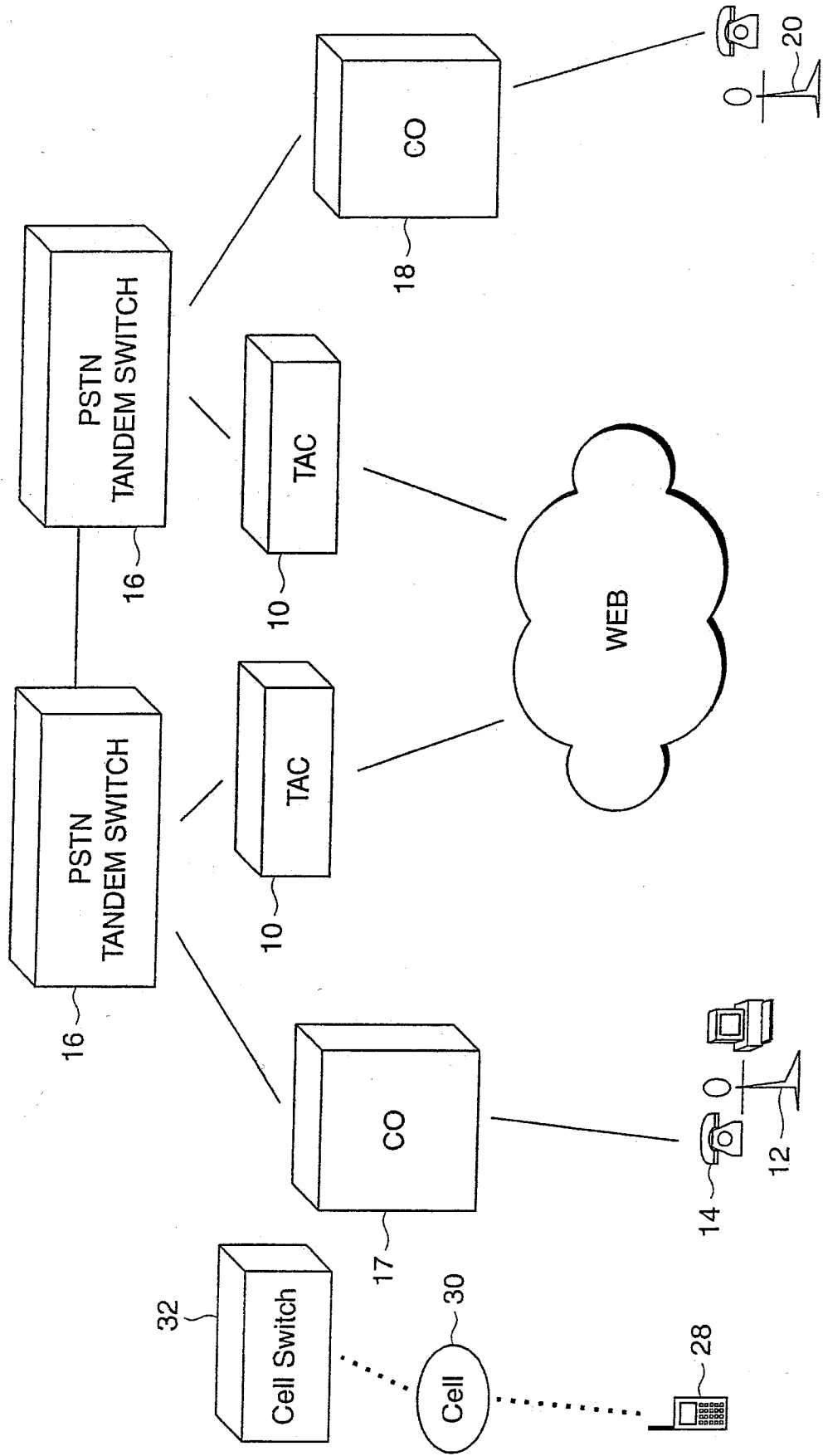


FIG. 7

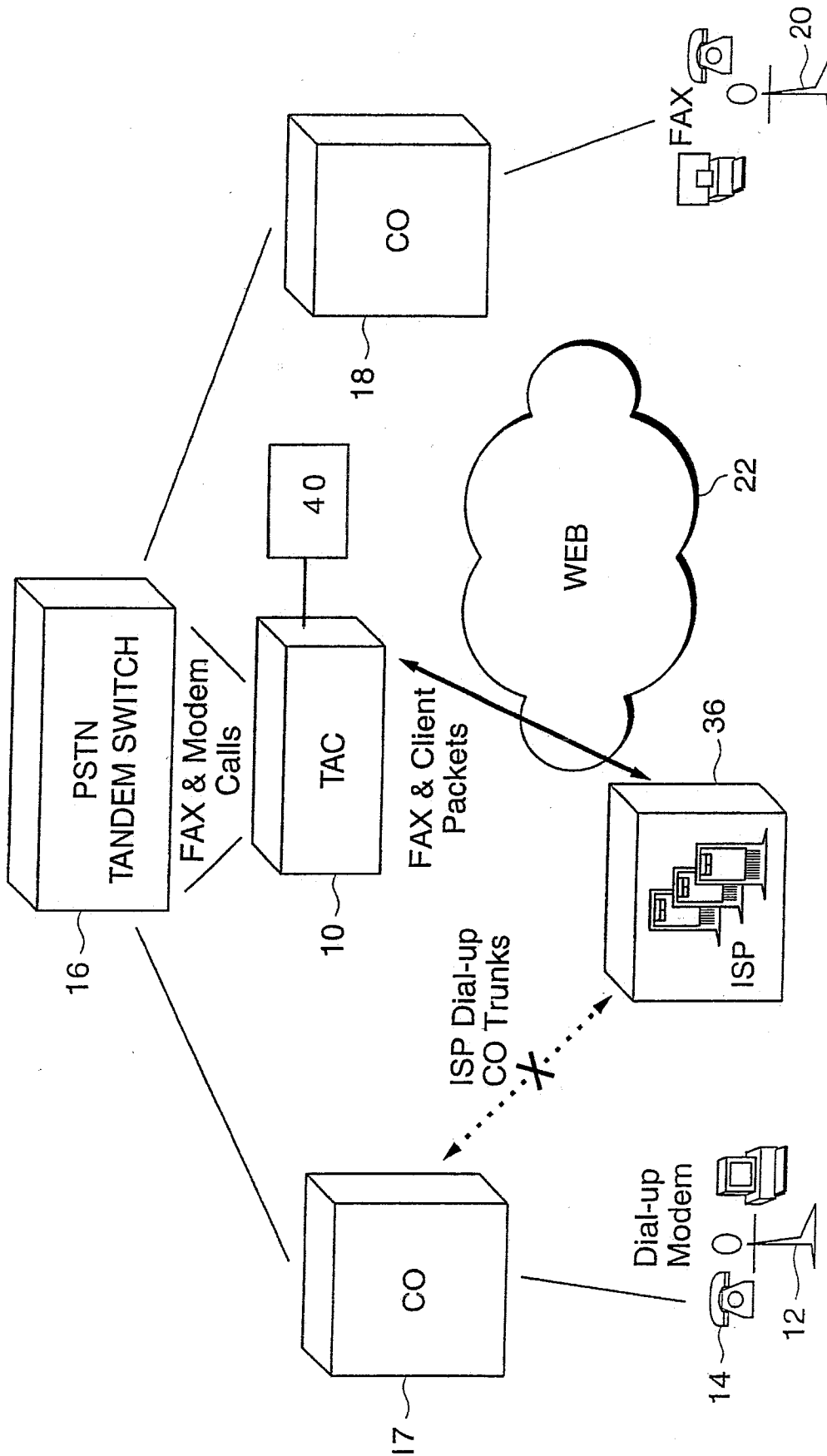


FIG. 8

CALLER ID (CID) FLOWCHART

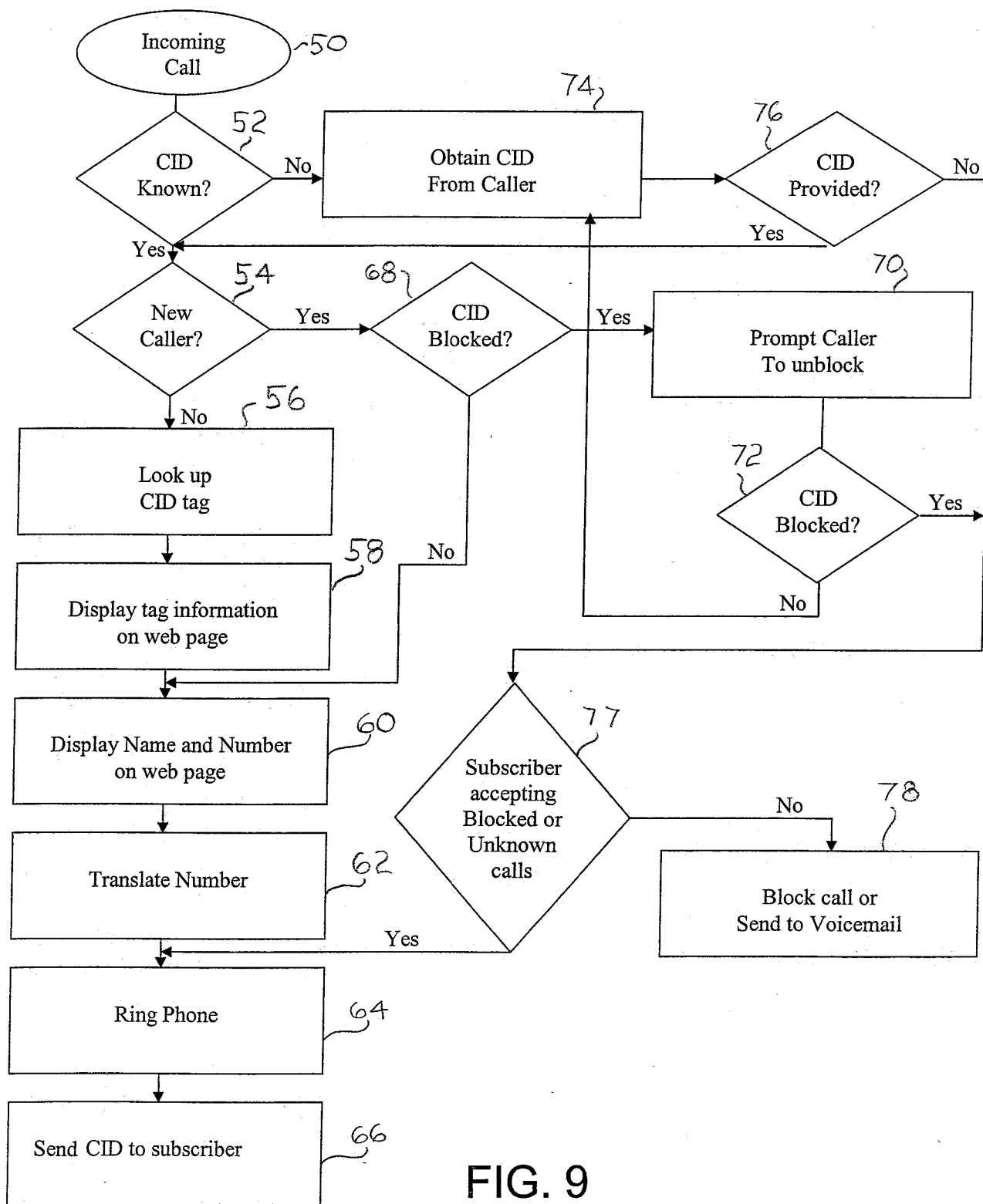


FIG. 9

Branch Calling Flow Chart

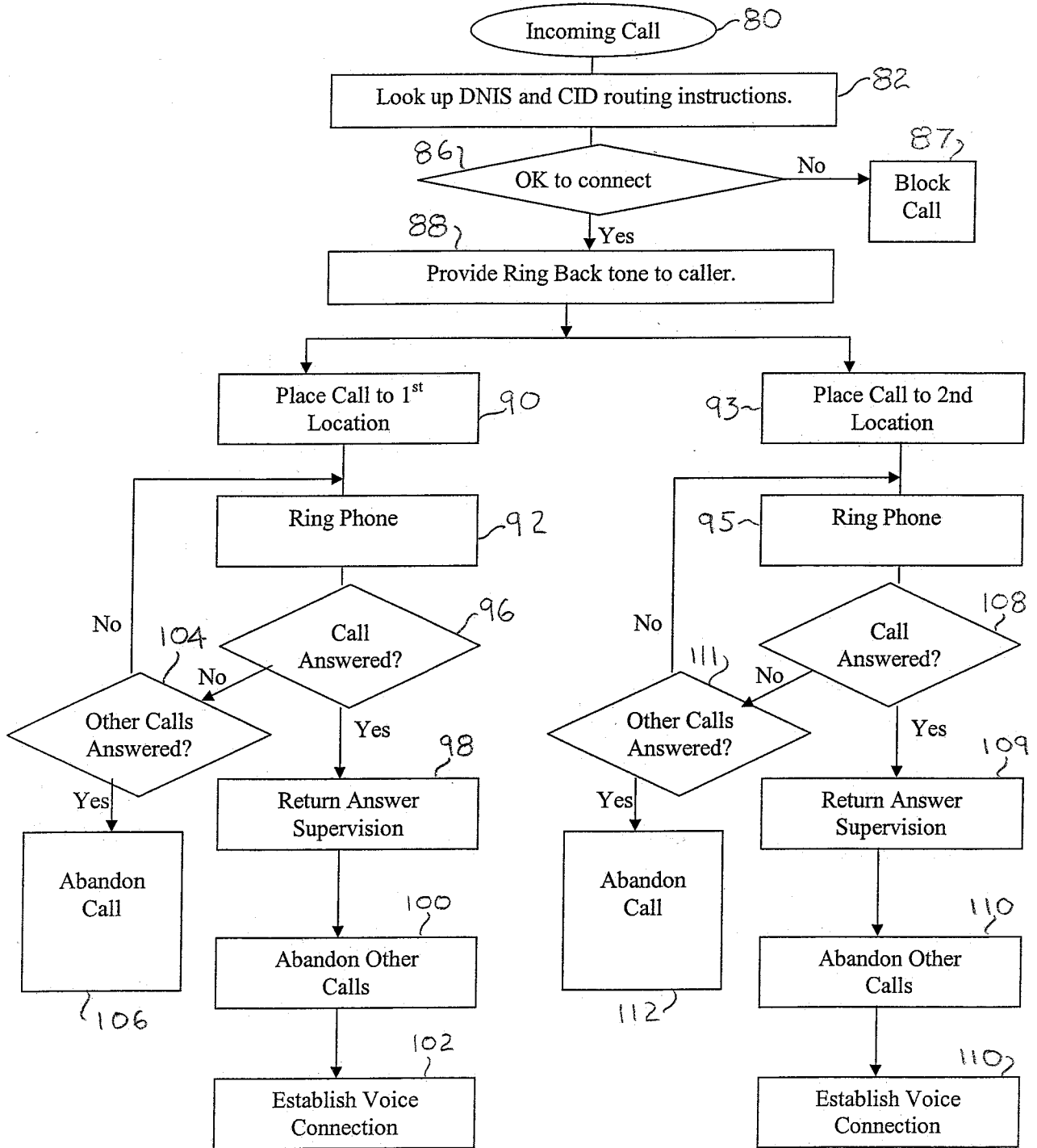


FIG. 10

**DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

**BRANCH CALLING AND CALLER ID BASED CALL ROUTING
TELEPHONE FEATURES**

which (check) is attached hereto.
 and is amended by the Preliminary Amendment attached hereto.
 was filed on April 30, 2003 as Application Serial No. 10/426,279
 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
N/A			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
N/A	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
09/565,565	May 4, 2000	Now Patent 6,574,328

I hereby appoint the following practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

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32566

PATENT TRADEMARK OFFICE

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 Fax: (408) 382-0481

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Full name of first joint inventor: Samuel F. Wood

Inventor's Signature:

Date: 1-10-05

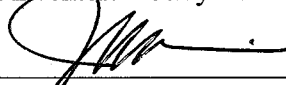
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Inventor's Signature:



Date:

1-10-05

Residence:

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Post Office Address:

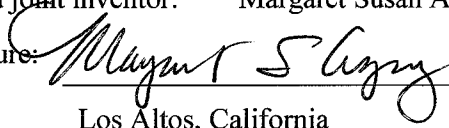
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Full name of third joint inventor: Margaret Susan Asprey

Inventor's Signature:



Date:

1/10/05

Residence:

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Los Altos, CA 94022

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USA

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	Tandem Access Controller Within the Public Switched Telephone Network			
First Named Inventor:	Samuel F. Wood			
Filer:	Brian D. Ogonowsky/Edith Fuentes			
Attorney Docket Number:	TEL-M-8801-1P-1C			
Filed as Small Entity				
Utility Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	75	75
Utility Search Fee	2111	1	250	250
Utility Examination Fee	2311	1	100	100
Pages:				
Claims:				
Claims in excess of 20	2202	4	25	100
Miscellaneous-Filing:				
Petition:				

Ex. 1020

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				525

Electronic Acknowledgement Receipt

EFS ID:	1103293
Application Number:	11428822
Confirmation Number:	4565
Title of Invention:	Tandem Access Controller Within the Public Switched Telephone Network
First Named Inventor:	Samuel F. Wood
Customer Number:	32566
Filer:	Brian D. Ogonowsky/Edith Fuentes
Filer Authorized By:	Brian D. Ogonowsky
Attorney Docket Number:	TEL-M-8801-1P-1C
Receipt Date:	05-JUL-2006
Filing Date:	
Time Stamp:	20:53:30
Application Type:	Utility
International Application Number:	

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 525
RAM confirmation Number	458
Deposit Account	502226

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Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

File Listing:

Ex. 1020

YMax Corporation

Page 278 of 283

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1	Transmittal letter	TEL-M-8801-1P-1C_Div-App-Trans.pdf	301559	no	1
Warnings:					
Information:					
2	Application Data Sheet	TEL-M-8801-1P-1C_ADS.pdf	757095	no	4
Warnings:					
Information:					
3		TEL-M-8801-1P-1C_App.pdf	136123	yes	31
	Multipart Description				
	Doc Desc		Start	End	
	Specification		1	21	
	Claims		22	30	
	Abstract		31	31	
Warnings:					
Information:					
4	Drawings	TEL-M-8801-1P-1C_Dwgs.pdf	268779	no	11
Warnings:					
Information:					
5	Oath or Declaration filed	TEL-M-8801-1P-1C_Dec.pdf	262555	no	3
Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	8499	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			1734610		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

Electronic Acknowledgement Receipt

EFS ID:	1103293
Application Number:	11428822
Confirmation Number:	4565
Title of Invention:	Tandem Access Controller Within the Public Switched Telephone Network
First Named Inventor:	Samuel F. Wood
Customer Number:	32566
Filer:	Brian D. Ogonowsky/Edith Fuentes
Filer Authorized By:	Brian D. Ogonowsky
Attorney Docket Number:	TEL-M-8801-1P-1C
Receipt Date:	05-JUL-2006
Filing Date:	
Time Stamp:	20:53:30
Application Type:	Utility
International Application Number:	

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 525
RAM confirmation Number	458
Deposit Account	502226

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