m PTO-1595 (Rev. 07/05) IB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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Name of conveying party(ies)	2. Name and address of receiving party(ies)
TBK LLC	Name: PNC Bank, National Association, as Collateral Agent
	Internal Address:
iditional name(s) of conveying party(ies) attached? Yes 🗸 No	Outer Poutewer
Nature of conveyance/Execution Date(s):	Street Address: Two Tower Center Boulevard
xecution Date(s) November 13, 2012	
Assignment Merger	Oit Fact Proposition
Security Agreement Change of Name	City: East Brunsv/ick
Joint Research Agreement	State: New Jersey
Government Interest Assignment	Country: USA Zip:08816
Executive Order 9424, Confirmatory License	Country, 50%
	Additional name(s) & address(es) attached? Yes V
Other This	document is being filed together with a new application
. Monton of	B. Patent No.(s)
A. Patent Application No.(s) See attached Sechedule I	See attached Schedule 1
Jee altavilos comessis	
Additional numbers at	tached? Yes No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 113
Name: Renee Kelly	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address: CT Lien Solutions	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 4400 Easton Commons Way	Enclosed
Street Address: 125	None required (government interest not affecting tit
	8. Payment Information
City: Columbus	a. Credit Card Last 4 Numbers
Ctato: Un ZID:	Expiration Date
Phone Number: 614-280-3569	b. Deposit Account Number
kik / 800-214-444	Authorized User Name
Email Address: Renee.Kelly@wolterskluwer.com	Authorized Oser Mario
	November 19, 2012
9. Signature: Signature	Date
Leslie Kirsner	Total number of pages including cover 20 sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 029342 FRAME: 0075

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	10/021877	7580850	Apparatus And Method For Online Advice Customer Relationship Management	Granted
United States	UTBK LLC	Original Filing	10/032518	7937439	Apparatus And Method For Scheduling Live Advice Communication With A Selected Service Provider	Granted
United	UTBK LLC	Original Filing	10/923396	7886009	Gate Keeper	Granted
States United States	UTBK LLC	Continuation	12/534770	8027898	Method And Apparatus For Prioritizing A Listing Of Information Providers	Granted
United States	UTBK LLC	Original Filing	10/465770	7698183	Method And Apparatus For Prioritizing A Listing Of Information Providers	Granted
United States	UTBK LLC	Continuation	11/508015	7876886	Method And Apparatus To Provide Pay-Per- Call Performance Based Advertising	Granted
United States	f	Continuation In-Part	11/021939	8027878	Method And Apparatus To Compensate Demand Partners In A Pay-Per-Call Performance Based Advertising System	

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	10/872117	8024224	Method And Apparatus To Provide Pay-Per- Call Advertising And Billing	Granted
United States	UTBK LLC	Continuation	12/026491	8200534	Method And Apparatus To Allocate And Recycle Telephone Numbers In A Call-Tracking System	Filed
United States	UTBK LLC	Original Filing	11/014073	7424442	Method And Apparatus To Allocate And Recycle Telephone Numbers In A Call-Tracking System	Granted
United States	UTBK LLC	Continuation	11/490709	7505920	Method And Apparatuses For Pay-Per-Call Advertising In Mobile/Wireless Applications	Granted
United States	UTBK LLC	Continuation	12/269010		Method And Apparatuses For Pay-Per-Call Advertising In Mobile/Wireless Applications	Filed
United States	UTBK LLC	Continuation In-Part	11/077655	5 7428497	Method And Apparatuses For Pay-Per-Call Advertising In Mobile/Wireless Applications	Granted

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Continuation- In-Part	11/123566	8209225	Methods And Apparatuses For Delivery Of Advice to Mobile/Wireless Devices	Filed
United States	UTBK LLC	Continuation	12/062425	8209225	Method And Apparatuses For Offline Selection Of Pay-Per-Call Advertisers	Filed
United States	UTBK LLC	Continuation- In-Part	11/092309	7366683	Method And Apparatuses For Offline Selection Of Pay-Per-Call Advertisers	Granted
United States	UTBK LLC	Continuation- In-Part	11/556668		Methods and Apparatuses to Manage Multiple Advertisements	Filed
United States	UTBK LLC	Continuation- In-Part	11/559866		Method And Apparatuses To Track Keywords For Establish Communications Links	Filed
United States	UTBK LLC	Continuation- In-Part	11/565554		Method And Apparatuses To Provide Prompts In Connecting Customers to Advertisers	Filed
United States	UTBK LLC	Continuation In-Part	11/624613	8140389	Methods And Apparatuses For Pay For Deal Advertisements	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	11/095853	8121898	Method And Apparatuses For Geographic Area Selections In Pay- Per-Call Advertisement	Filed
United States	UTBK LLC	Original Filing	11/077516		System And Method To Merge Pay-For- Performance Advertising Models	Filed
United States	UTBK LLC	Original Filing	11/467129		Methods And Apparatuses For Scheduling Pay- Per-Call Advertising	Filed
United States	UTBK LLC	Original Filing	11/274453		Methods And Apparatuses To Provide Access Advertisements Through Voice Over Internet Protocol (VOIP) Applications	Filed
United States	UTBK LLC	Continuation	11/692739		Systems And Methods To Conect Buyers and Sellers	Filed
United States	UTBK LLC	Continuation- In-Part	11/624641	8077849	Systems And Methods to Block Communication Calls	Filed
United States	UTBK LLC	Continuation In-Part	11/697932	2	Systems And Methods To Provide Connections Via Callback Acceptance	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Continuation- In-Part	11/467145	8180676	Systems And Methods To Connect People In A Marketplace Environment	Filed
United States	UTBK LLC	Continuation- In-Part	11/536616		Methods And Apparatuses For Offline Selection Of Pay-Per-Call Advertisers	Filed
United States	UTBK LLC	Continuation- In-Part	11/536624		Methods And Apparatuses For Offline Selection Of Pay-Per-Call Advertisers Via Visuals	Filed
United States	UTBK LLC	Continuation- In-Part	11/733751		Systems And Methods For Connecting People For Real Time Communications	Filed
Ùnited States	UTBK LLC	Continuation- In-Part	11/505225		Methods And Apparatuses For Advertisement Presentation	Filed
United States	UTBK LLC	Original Filing	11/668881		Systems And Methods To Provide Communication Connections	Filed
United States	UTBK LLC	Original Filing	11/504838	3	Systems And Methods To Connect Marketing Participants And Marketers	Filed
United States	UTBK LLC	Original Filing	11/505053	3	Systems And Methods To Connect Customers And Marketers	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	11/678012		Systems And Methods To Confirm Initiation Of A Callback	Filed
United States	UTBK LLC	Continuation- In-Part	11/467148		Systems And Methods To Convert A Call Generated From An Advertisement	Filed
United States	UTBK LLC	Continuation- In-Part	11/624631		System And Method For Providing Advertisement	Filed
United States	UTBK LLC	Continuation- In-Part	11/536628		Methods And Apparatuses For Advertisements On Mobile Devices For Communication Connections	Filed
United States	UTBK LLC	Continuation- In-Part	11/688245		Methods and Apparatuses for Prioritizing Featured Listings	Filed
United States	UTBK LLC	Original Filing	11/559860		Methods and Apparatuses for Prioritizing Advertisements For Presentation	Filed
United States	UTBK LLC	Continuation In-Part	11/565540	5	Methods And Apparatuses To Select Communication Tracking Mechanisms	Filed
United States		Continuation In-Part	11/67803	2	Methods And Systems For Pay For Performance Advertisements	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title .	Status
United States	UTBK LLC	Continuation- In-Part	11/536630	8069082	Methods And Apparatuses To Determine Prices Of Communication Leads	Granted
United States	UTBK LLC	Continuation- In-Part	11/563464		Methods And Apparatuses To Provide Application Programming Interface For Retrieving Pay Per Call Advertisements	Filed
United States	UTBK LLC	Continuation- In-Part	11/688115	8140392	Methods And Apparatuses For Pay For Lead Advertisements	Filed
United States	UTBK LLC	Continuation- In-Part	11/558859		Systems And Methods To Provide A Communication Reference In A Representation Of A Geographical Region	Filed
United States	UTBK LLC	Original Filing	12/027208	3	Methods And Apparatuses To Connect Users Of Mobile Devices To Advertisers	Filed
United States	UTBK LLC	Continuation In-Part	11/696153	3	Systems And Methods To Facilitate Transition From Communication To Commerce	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	12/114556		Systems And Methods To Provide Advertisements For Real Time Communication	Filed
United States	UTBK LLC	Original Filing	12/114603		Systems And Methods To Facilitate Searches Of Communication References	Filed
United States	UTBK LLC	Original Filing	12/121668		Systems And Methods To Manage Presentations Of Advertisements	Filed
United States	UTBK LLC	Continuation- In-Part	11/778878		Systems And Methods To Provide Voice Connections Via Local Telephone Numbers	Filed
United States	UTBK LLC	Original Filing	12/101098		Systems And Methods To Facilitate Real Time Communications And Commerce Via Answers To Questions	Filed
United States	UTBK LLC	Original Filing	11/862111	L	Systems And Methods To Facilitate The Specification Of A Complex Geographic Area	Filed

Country	Owner	Relationship	Application Number	Patent Number		Status
United States	UTBK LLC	Continuation	11/761800		Methods And Apparatuses To Track Information Using Call Signaling Messages	Filed
United States	UTBK LLC	Continuation	11/761932		Methods And Apparatuses To Track Information Via Passing Information During Telephonic Call Process	Filed
United States	UTBK LLC	Continuation	11/761987		Methods And Apparatuses To Track Information Via Telephonic Apparatuses	Filed
United States	UTBK LLC	Continuation- In-Part	11/752267		Methods And Apparatuses To Connect People For Real Time Communications Via Voice Over Internet Protocol (Voip)	Filed
United States	UTBK LLC	Original Filing	12/121670		Systems And Methods To Provide Communication References To Connect People For Real Time Communications	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	12/121676		Systems And Methods To Provide Communication References Based On Recommendations To Connect People For Real Time Communications	Filed
United States	UTBK LLC	Original Filing	12/127363	8280018	Systems And Methods To Provide Information Via Connections For Real Time Communications Between People	Filed
United States	UTBK LLC	Original Filing	12/127585		Systems And Methods For Dynamic Pay For Performance Advertisements	Filed
United States	UTBK LLC	Original Filing	12/127713	8185437	Systems And Methods To Provide Communication Connections Via Partners	Filed
United States	UTBK LLC	Original Filing	11/960638		Systems And Methods To Dynamically Generate Listings To Selectively Track User Responses	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	12/128449		Systems And Methods To Convert A Real Time Communication Connection	Filed
United States	UTBK LLC	Original Filing	12/130901		Methods And Apparatuses To Initiate Telephone Connections	Filed
United States	UTBK LLC	Original Filing	12/130960		Systems And Methods To Generate Leads To Connect People For Real Time Communications	Filed
United States	UTBK LLC	Original Filing	12/130966		Systems And Methods To Selectively Provide Telephonic Connections	Filed
United States	UTBK LLC	Original Filing	12/130984		Systems And Methods To Connect People For Real Time Communications	Filed
United States	UTBK LLC	Original Filing	12/130987		Systems And Methods To Provide Alternative Connections For Real Time Communications	Filed
United States	UTBK LLC	Continuation- In-Part	11/467146		Systems And Methods Manage A Queue People Requesting Real Time Communication Connections	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Original Filing	11/329677	7720091	Systems And Methods To Arrange Call Back	Granted
United States	UTBK LLC	Continuation- In-Part	11/696159		Systems And Methods To Prioritize A Queue	Filed
United States	UTBK LLC	Original Filing	09/488130	6223165	Method And Apparatus To Connect Consumer To Expert	Granted
United States	UTBK LLC	Continuation	09/733872	6523010	Assistance Method And Apparatus	Granted
United States	UTBK LLC	Continuation	09/782925	6549889	Assistance Method And Apparatus	Granted
United States	UTBK LLC	Continuation	09/782984	6546372	Assistance Method And Apparatus	Granted
United States	UTBK LLC	Continuation	10/107743	6801899	Assistance Method And Apparatus	Granted
United States	UTBK LLC	Continuation	10/951502	7249045	Method And System To Connect Consumers to Information	Granted
United States	UTBK LLC	Continuation	11/772525	7729938	Method And System To Connect Consumers To Information	Granted
United States	UTBK LLC	Continuation In-Part	10/015968	7475149	Apparatus And Method For Specifying And Obtaining Services Through An Audio Transmission Medium	Granted

Country	Owner	Relationship	Application Number	Patent Nuraber	Title	Status
United States	UTBK LLC	Continuation	10/956771	7224781	Method And System To Connect Consumers To Information	Granted
United States	UTBK LLC	Original Filing	11/696151		Systems And Methods To Facilitate Searches	Filed
United States	UTBK LLC	Original Filing	12/130894	8295465	Systems And Methods To Connect Members Of A Social Network For Real Time Communication	Granted
United States	UTBK LLC	Original Filing	11/876704		Systems And Methods To Provide Information And Connect People For Real Time Communications	Filed
United States	UTBK LLC	Original Filing	12/128571		Systems And Methods To Connect People For Real Time Communications Via Directory Assistance	Filed
United States	UTBK LLC	Original Filing	10/460776	7359498	Systems And Methods For Arranging A Call	Granted
United States	UTBK LLC	Continuation	12/026488	7519170	Systems And Methods For Arranging A Call	Granted

Country	Owner	Relationship	Application Number	Patent Nuniber	Title	Status
United States	UŤBK LLC	Original Filing	11/864808		Systems And Methods To Provide Telephonic Connections Via Concurrent Calls	Filed
United States	UTBK LLC	Original Filing	11/863208		Systems And Methods To Provide Communication References From Different Sources To Connect People For Real Time Communications	Filed
United States	UTBK LLC	Original Filing	12/098382		Systems And Methods To Facilitate Real Time Communications And Commerce Via A Social Network	Filed
United States	UTBK LLC	Original Filing	12/098387		Systems And Methods To Facilitate Real Time Communications And Commerce Via A Social Network	Filed
United States	UTBK LLC	Original Filing	11/072147	7979308	Method And Apparatuses For Sorting Lists For Presentation	Granted
United States	UTBK LLC	Original Filing	11/329459	8125931	Systems And Methods To Provide Availability Indication	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Continuation- In-Part	11/696156		Systems and Methods to Manage Privilege to Speak	Filed
United States	UTBK LLC	Original Filing	12/027144		Systems And Methods To Facilitate Communications	Filed
United States	UTBK LLC	Continuation	12/768664		Method And System To Connect Consumers To Information	Filed
United States	UTBK LLC	Continuation	13/179121		Methods And Apparatuses For Sorting Lists For Presentation	Filed
United States	UTBK LLC	Original Filing	11/738374		Methods And Systems To Connect People To Services Via Virtual Reality	Filed
United States	UTBK LLC	Original Filing	11/738364		Methods And Systems To Connect People For Virtual Meeting In Virtual Reality	Filed
United States	UTBK LLC	Original Filing	11/738300		Methods And Systems To Determine Availability For Real Time Communications Via Virtual Reality	Filed

Country	Owner	Relationship	Application Number	Parent Number	Title	Status
United States	UTBK LLC	Original Filing	11/738235		Methods And Systems To Facilitate Real Time Communications In Virtual Reality	Filed
United States	UTBK LLC	Original Filing	11/738170		Methods And Systems To Search In Virtual Reality For Real Time Communications	Filed
United States	UTBK LLC	Original Filing	11/737975		Methods And Systems To Connect People Via Virtual Reality For Real Time Communications	Filed
United States	UTBK LLC	Continuation	13/603067		Systems And Methods To Provide Information Via Connections For Real Time Communications Between People	Filed
United States	UTBK LLC	Continuation	13/470159		Systems And Methods To Provide Communication Connections Via Partners	Filed
United States	UTBK LLC	Continuation	13/421785		Methods And Apparatuses For Pay For Deal Advertisements	Filed

Country	Owner	Relationship	Application Number	Patent Number	Title	Status
United States	UTBK LLC	Continuation	13/494819		Apparatus And Method For Ensuring A Real- Time Connection Between Users And Selected Service Provider Using Voice Mail	Filed
United States	UTBK LLC	Continuation	13/472249		System And Methods To Connect People In A Marketplace Environment	Filed
United States	UTBK LLC	Continuation	13/494817		Method And Apparatus To Allocate And Recycle Telephone Numbers In A Call-Tracking System	Filed
United States	UTBK LLC	Continuation	13/517754		Method And Apparatuses For Offline Selection Of Pay-Per-Call Advertisers	Filed
United States	UTBK LLC	Continuation	13/631221		Systems And Methods To Connect Members Of A Social Network For Real Time Communication	Filed

## GRANT OF SECURITY INTEREST- - PATENTS

## UTBK LLC

WHEREAS, UTBK LLC (the "Grantor") holds all right, title and interest in the letter patents, design patents and utility patents listed on the attached Schedule A, which patents are issued or applied for in the United States Patent and Trademark Office (the "Patents");

WHEREAS, the Grantor has entered into a Pledge and Security Agreement, dated November 13, 2012 (as amended, restated, supplemented, modified or otherwise changed from time to time, the "Security Agreement"), in favor of PNC Bank, National Association, as the Collateral Agent for itself and certain lenders (in such capacity, together with its successors and assigns, if any, the "Grantee"); and

WHEREAS, pursuant to the Security Agreement, the Grantor has assigned to the Grantee and granted to the Grantee for the benefit of the Secured Parties (as defined in the Security Agreement) a continuing security interest in all right, title and interest of the Grantor in, to and under the Patents and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the "Collateral"), to secure the payment, performance and observance of the Secured Obligations (as defined in the Security Agreement).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor does hereby pledge, convey, sell, assign, transfer and set over unto the Grantee and grants to the Grantee for the benefit of the Grantee and the Lenders a continuing security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Grantee with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

PATENT REEL: 029342 FRAME: 0093 IN WITNESS WHEREOF, the Grantor has caused this Grant of Security Interest - Patents to be duly executed by its officer thereunto duly authorized as of November 13, 2012.

UTBK LLC

Name:

Signature Page to IP Security Agreement (Patents - UTBK) - 2965843

PATENT REEL: 029342 FRAME: 0094

**RECORDED: 11/19/2012**