FORM PTO-1594 1-31-92

BOX ASSIGNMENT



EET

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 003636.0081

able Commissioner of Patents and Trademarks

NETSEARCH LLC 10040 East Happy Valley Road Scottsdale, Arizona 85255 Additional name(s) of conveying party(ies) attached? □ Yes ☒ No Additional name(s) & Address(es) attached? □ Yes ☒ No Additional name(s) & Address(es) attached? □ Yes ☒ No Additional name(s) & Address(es) attached? □ Yes ☒ No Additional name(s) & Address(es) attached? □ Yes ☒ No Change of Name □ Other Execution Date Of Assignment: October 3, 2001 4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number(s): 09/236,510 Additional numbers attached? □ Yes ☒ No						or copy(ies) thereof:
Assignment	10040 East Happy Valley Road				AETHER SYSTEMS, INC. 11460 Cronridge Drive	
Execution Date Of Assignment: October 3, 2001 4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number(s): B. Patent Number(s): O9/236,510 Additional numbers attached? □ Yes ☒ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: John W. Ryan Other Ot	Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ No				Additional name(s) & Address(es) attached? □ Yes ⊠ No	
4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number(s): O9/236,510	3. Nature of Conve	yance:				
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Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: John W. Ryan Street Address: Wilmer Cutler & Pickering 2445 M Street, N.W. City: Washington State: DC Zip: 20037-1420 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. John W. Ryan 33,771 John W. Ryan 33,771 Name of Person Signing Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and registrations involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 ☒ Enclosed ☒ Charge any deficiency to deposit account Charge entire fee (\$40.00) to deposit account of the control of the	If this document is b	eing filed togethe	r with a new app	lication, the ex		
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PATENT REEL: 012262 FRAME: 0789

Attomey Docket No. 003636.0081 Page 1 of 1

ASSIGNMENT OF PATENT APPLICATION

WHEREAS NETSEARCH, LLC

a corporation of Arizona

whose post office address is 10040 East Happy Valley Road, Scottsdale, Arizona 85255

is the assignee of the entire right, title and interest in the invention emitted:

Method For Providing Vendor Notification Marketing In An Electronic Commerce Notwork Environment

For which an Application for Patent was filed on January 25, 1999, Serial No. 09/236,510, by virtue of the easignment recorded at Reel 9851, Frame 0203.

WHEREAS, AETHER SYSTEMS, INC.

a corporation of Delaware

whose post office address is 11460 Croppings Drive, Owings Mills, MD 21117

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration, the receipt of which from assignee is hereby acknowledged, I, as assignor(s), have sold, assigned, manaferred, and set over, and do hereby sell, assign. transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, Provisional Application Serial No. 60/107,785 filed November 10, 1998 (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment,

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding. sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and relesue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any forcign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have become set my

October 3, 2001 Date

Signature of easignor: Name of assignor.

RECORDED: 10/16/2001

Tide of assignor:

David C. Reynann

Chief Financial Officer

Wilmer Cutler & Pickering

PATENT REEL: 012262 FRAME: 0790