

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CompuServe Incorporated	01/31/1998
RECEIVING PARTY DATA	
Name:	Cranberry Properties, LLC
Street Address:	22000 AOL Way
City:	Dulles
State/Country:	VIRGINIA
Postal Code:	20166
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12407869
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	CRA1364-505Q
NAME OF SUBMITTER:	Carol G. Stovsky, Reg. No. 42,171

CH \$40.00 12407869

Total Attachments: 7
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PATENT ASSIGNMENT

This assignment is made by CompuServe Incorporated, a corporation organized under the laws of the State of Ohio, having a place of business at 5000 Arlington Centre Boulevard, Columbus, Ohio 43220 ("ASSIGNOR"), to Cranberry Properties, LLC, a limited liability company organized under the laws of the State of Delaware, having a place of business at 22000 AOL Way, Dulles, Virginia 20166 ("ASSIGNEE").

Any and all notices in connection with the subject matter of this Assignment are to be directed as follows:

For ASSIGNEE to:
America Online, Inc.
22000 AOL Way
Dulles, Virginia 20166
Attention: General Counsel

With a copy to:
Martina W. Knee, Esq.
UUNET Technologies, Inc.
3060 Williams Drive
Fairfax, Virginia 22031

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer to ASSIGNEE its entire right, title and interest, together with all rights of priority, in and to the patents and patent applications outlined in attached Exhibit "A." ASSIGNOR further does hereby sell, assign and transfer to ASSIGNEE its entire right, title and interest, together with all rights of priority, in and to ASSIGNOR'S inventions as described and/or claimed in any and all applications for patents based on the inventions to which such patents and patent applications relate, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any such patents and patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of said applications for the full terms of all of the patents which may be granted on such inventions.

ASSIGNOR hereby authorizes ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for such inventions in the United States and any foreign countries, in ASSIGNEE'S name.

ASSIGNOR hereby agrees to take all actions, and to execute and deliver all additional instruments and documents, as ASSIGNEE may reasonably request for the purpose of carrying out this assignment and the transactions contemplated herein including, but not limited to, all instruments and documents necessary to transfer the patents and the patent applications referred to herein in the United States and any foreign countries.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the inventions, resulting from any of the aforesaid applications to the ASSIGNEE.

IN WITNESS WHEREOF, said ASSIGNOR has caused this Patent Assignment to be executed this 31st day of January, 1998.

COMPUSERVE INCORPORATED

By: *Martina W. Knee*
Martina W. Knee, Secretary

Before me personally appeared Martina W. Knee, to me known to be the same person described in and who executed the foregoing instrument as authorized on behalf of the Assignor, and acknowledged that she executed the same, of her own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 31st day of January, 1998.

Phyllis J. Ferguson
Notary Public

PHYLLIS T. FERGUSON
Notary Public, District of Columbia
My Commission Expires February 28, 2002

EXHIBIT "A"

U.S. PATENTS

TITLE	U.S. PAT. NO. and ISSUE DATE	PCT APP. NO. and FILING DATE
DATA TRANSMISSION ROUTING SYSTEM (System for data transmission routing in which a user accesses an initial host within a computer network that then communicates a target host address to a terminal or gateway node. The initial host forwards information to the target host and then disconnects so the user may interact with the target host.)	5,426,427 6/20/95	
COMMUNICATION DEVICE SHARING ON A LOCAL AREA NETWORK (System for sharing a X.25 device on a local area network. A device driver for the X.25 device to be shared is implemented as a file system so that the device's location is hidden from application programs and the device may be accessed using standard system calls.)	5,680,303 10/21/97	PCT/US96/09929 6/7/96

<p>NETWORK SUPPORT OF SUPPLEMENTAL LOCAL APPLICATIONS (SLAP) (System for network support of supplemental local applications such that one workstation application, communicating with a host computer on a network may invoke a second workstation application that takes control of the first application's connection to the network.)</p>	<p>5,680,549 10/21/97</p>	<p>PCT/US96/17108 12/29/95</p>
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U.S. PATENT APPLICATIONS

TITLE	U.S. PAT. SERIAL NO. and FILING DATE	PCT APP. NO.
<p>SYSTEM FOR CONNECTING LOCAL AND WIDE AREA NETWORKS (CARS) (System for connecting Local Area and Wide Area Networks and offering specialized services to facilitate communication across the networks.)</p>	<p>08/349,012 12/2/94</p>	

TITLE	U.S. PAT. SERIAL NO. and FILING DATE	PCT APP. NO.
<p>RULES BASED ELECTRONIC MESSAGE MANAGEMENT SYSTEM (SMART RULES) (System for managing electronic messages such that recipients of electronic messages may define a set of rules for accepting incoming messages. Rules are applied by a message distributor at substantially the initial point of distribution so that delays in routing messages are reduced.)</p>	<p>Serial No. Not yet received (FWC of U.S. Patent Application Serial No. 08/436,571 filed 5/8/95) 10/27/97</p>	<p>PCT/US96/06568 5/8/96</p>
<p>SYSTEM FOR REMOTE PASS-PHRASE AUTHENTICATION (System and method disclosed for authenticating users and services such that pass- phrases are not revealed during the authentication process Pass-phrases are known by an authentication entity with which the service communicates to authenticate both users and services. Users choose a realm in which they would like to be authenticated.)</p>	<p>08/656,936 6/3/96</p>	

TITLE	U.S. PAT. SERIAL NO. and FILING DATE	PCT APP. NO.
<p>SYSTEM FOR INTEGRATED ELECTRONIC COMMUNICATIONS (System for integrating electronic mail, voice mail, and fax mail in a universal mailbox. Message receivers may access their messages with a telephone or a computer regardless of the communication medium used by the message sender.)</p>	<p>08/665,564 6/18/96</p>	<p>PCT/US97/10441 6/18/97</p>
<p>ELECTRONIC MAIL DISTRIBUTION SYSTEM FOR INTEGRATED ELECTRONIC COMMUNICATIONS (System and method for integrated electronic mail, voice mail, and fax mail messaging. A common message format is defined for use by an electronic mail service and a telecommunications service so electronic mail messages that may include voice and fax mail attachments may be exchanged between the services.)</p>	<p>08/877,614 6/17/97</p>	

TITLE	U.S. PAT. SERIAL NO. and FILING DATE	PCT APP. NO.
<p>SYSTEM FOR ELECTRONIC MESSAGING VIA WIRELESS DEVICES (PAGER GATEWAY) (System for sending electronic communications such as e-mail messages to a wireless device. The electronic communications originate at or are transmitted through an information service that sends the communications to a wireless service provider capable of communicating with different types of wireless devices. Recipients of electronic communications register their wireless devices with the information service and may take advantage of the messaging features of the information service to determine what information should be sent to the wireless device.)</p>	<p>Serial No. not yet received (FWC of U.S. Patent Application Serial No. 08/436,935 filed 5/8/95) 7/24/97</p>	<p>PCT/US96/06565 5/9/96</p>