Signature	e	Date
Kristin L. Murphy		February 7, 2001
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document.	nation is true and corr	rect and any attached copy is a true copy of
FC:581 40.00 CH		
28/2001 DBYRNE 00000150 180013 09684453 DO NOT USE T	HIS SPACE	
City: Bloomfield Hills State: Michigan Zip: 48304	8. Deposit accor	unt number: <u>18-0013</u>
Street Address: 39533 Woodward Avenue, Suite 140	Authoriz	ed to be charged to deposit account
Internal Address: RADER, FISHMAN & GRAUER PLLC	Enclosed	
Name: Michael B. Stewart, Reg. No. 36,018		CFR 3.41):\$ <u>40.00</u>
5. Name and address of party to whom correspondence concerning document should be mailed:	one	of applications and patents involved:
Additional numbers attached	i? Yes 🛛 Y	No
09/684,453		
A. Patent Application No.(s)	B. Pate	nt No.(s)
4. Application number(s) or registration number(s):		
Execution Date: February 6, 2001	**	
Other:		
Assignment	14 1	additional accounts a real Exp. 170
		address(ies) attached? ☐ Yes ☑ No
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance:	City: Sta	te: Zip:
Corporation- Other:	Hampton, New Ha	ampshire 03842
☐ Individuals ☐ (Association) ☐ General Partnership ☐ Limited Partnership	Street Address: Liberty Lane	c/o GenTek, Inc.
Srivathsan Krishnamachari Neil Judell	Name: Vigilant Internal Address:	Networks, LLC
1. Name of the conveying purifices).		5 , 7 , .
To the Honorable Commissioner of Patents and 1. Name of the conveying party(ies):	523687	riginal documents or copy thereof. ss of receiving party(ies):
OMB NO. 0651-0011 P09/REV01		
(REV. 6-93)	1-2001	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
FORM PTO 1504 (MODIFIED)	V4 0004	LIS DEPARTMENT OF COMMERCE

Total number of pages including cover sheet, attachments and document: 3 Atty. Docket No: 65,807-0006

R0104654

PATENT REEL: 011538 FRAME: 0561

ASSIGNMENT (Joint Inventors)

WHEREAS, We, Srivathsan Krishnamachari residing at 1039 Massachusetts Avenue, Apt.#204, Cambridge, MA 02138, and Neil Judell, residing at 9 Whispering Pines Drive, Andover, MA 01810, (hereinafter referred to as Assignors) have invented new and useful improvements in:

SYSTEM AND METHOD TO DETERMINE DATA THROUGHPUT IN A COMMUNICATION NETWORK

which is set forth in an application for Letters Patent in the United States which was filed on October 6, 2000 and assigned Serial No. 09/684,453;

AND WHEREAS, Vigilant Networks, LLC, a limited liability company formed and existing under the laws of the State of Delaware (hereinafter referred to as Assignee), having offices at c/o GenTek, Inc., Liberty Lane, Hampton, New Hampshire 03842 ("Vigilant"), is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these present assigns, sells and sets over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorize and requests the Commissioner of Patents to issue said Letters Patent to the Assignee in accordance with this Agreement.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at ______, in the State of Mass., this 6 day of feb., 2001.

Srivathsan Krishnamachari

Page 1 of 2

STATE OF Mass.	
COUNTY OF Middlesex	
Before me personally appeared said Sriv foregoing instrument to be his own free act and deed,	athsan Krishnamachari, and acknowledged the this, 2001.
David W. Phillips-Jones NOTARY PUBLIC SEAL My commission expires Max. 4, 2005	Dand W. Philip Jones Notary Public
IN TESTIMONY WHEREOF, I hereur Bustington, in the State of Mass, this	nto set my hand and affix my seal at s day offeb, 2001.
	will
STATE OF)	Neil Judell
COUNTY OF Middlesex	
Before me personally appeared said Neil Jude be his own free act and deed, this day of free day of	ell, and acknowledged the foregoing instrument to etc., 2001.
	Saired W. Phillips Joran Notary Public
SEAL	Notary Public
David W. Phillips-Jones	

NOTARY PUBLIC My commission expires Mar. 4, 2005

RECORDED: 02/12/2001

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

> RADER, FISHMAN & GRAUER PLLC 39533 Woodward Avenue, Suite 140 Bloomfield Hills, Michigan 48304 (248) 594-0600

R0102246

PATENT REEL: 011538 FRAME: 0563