


## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HOWARD HALL	03/27/2002
ILIA SOKOLINSKI	03/22/2002
MILAN MERHAR	04/06/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PIRUS NETWORKS
<b>Street Address:</b>	43 NAGOG PARK
<b>City:</b>	ACTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01720
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15488113
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)770-0152
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<b>ATTORNEY DOCKET NUMBER:</b>	50490-00703
<b>NAME OF SUBMITTER:</b>	JEREMY J. NEILSON
<b>SIGNATURE:</b>	/Jeremy J. Neilson/
<b>DATE SIGNED:</b>	04/14/2017
<b>Total Attachments: 5</b>	
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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings	<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Howard Hall, Iliia Sokolinski and Milan Merhar  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Pirus Networks</u>  Internal Address: _____  Street Address: <u>43 Nagog Park</u>  City: <u>Acton</u> State: <u>MA</u> Zip: <u>01720-3425</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date(s): <u>3/27/2002; 3/22/2002; 4/12/2002</u>		
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 is: _____ A. Patent Application No. (s) <u>60/245,295;</u> <u>60/301,378 and PCT/US01/45772</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No B. Patent No.(s) _____		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>David Jacobs</u>  Internal Address: _____ <u>Lucash Gesmer &amp; Updegrove LLP</u>  Street Address: <u>40 Broad Street</u>  City: <u>Boston</u> State: <u>MA</u> Zip: <u>02109</u>	6. Total number of applications and patents involved: <input checked="" type="checkbox"/> 3  7. Total fee (37 CFR 3.41).....\$ <u>120.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number:  <u>122-315</u>	
DO NOT USE THIS SPACE		
9. Signature.  <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>David Jacobs, Reg. No. 31,770</u>            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: right;"> <u>6/25/2002</u>            Date         </div> </div> <div style="text-align: right; margin-top: 10px;">         Total number of pages including cover sheet, attachments, and documents: <input checked="" type="checkbox"/> 5       </div>		
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		

ASSIGNMENT

Attorney Docket: PRS-004

WHEREAS, we, Howard Hall, of Groton, MA, Iliia Sokolinski, of Brighton, MA, and Milan Merhar, of Brookline, MA and (hereinafter collectively referred to as the "Applicants") have invented certain new and useful improvements in:

TCP/UDP ACCELERATION

(hereinafter the "Invention") for which the following patent applications have been filed:

U.S. Provisional Patent Application Serial No. 60/245,295 filed November 2, 2000;  
U.S. Provisional Patent Application Serial No. 60/301,378 filed June 27, 2001;  
and  
International Application No. PCT/US01/45772 filed November 2, 2001,  
claiming the priority of the above-listed provisional applications for U.S. patent;

WHEREAS, Pirus Networks, whose postal address is 43 Nagog Park, Acton, MA 01720-3425 (hereinafter referred to as the "Assignee"), wishes to acquire the entire right, title and interest in and to the Invention;

NOW, therefore, in consideration of the sum of one United States dollar, the receipt of which is acknowledged, and other good and valuable consideration,

We, the Applicants, do hereby sell, assign and transfer unto the Assignee the full and exclusive right in and to the Invention in the United States and any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and any and all foreign countries, and in and to any and all divisionals, reissues, continuations and extensions thereof; and

We hereby authorize and request the United States Commissioner of Patents and Trademarks and all foreign Patent Offices to issue said Letters Patent to the Assignee, for the Assignee's sole use and benefit, and for the use and benefit of the Assignee's legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made; and

We agree to execute and deliver to the Assignee any and all other documents and instruments that, in the opinion of the Assignee and its counsel, are appropriate in order to obtain patents and other means of protecting the Invention, execute and deliver all such other instruments and take all other actions that in the opinion of the Assignee and its counsel may be appropriate to vest in the Assignee (or in such person as the Assignee may specify) all right, title and interest in said patents and other means of protecting the Invention; and cooperate and assist in any litigation commenced by the Assignee against third parties with respect to the same.

Executed this 27 day of March, 2002, at Littleton MA  
Massachusetts.

Howard Hall  
Howard Hall

Commonwealth of Massachusetts )

County of Middlesex )

Before me personally appeared said Howard Hall and acknowledged the foregoing  
instrument to be his free act and deed this 27 day of March, 2002.

Seal

Gloria J. Nicosia

GLORIA J. NICOSIA  
Notary Public  
My Commission Expires March 20, 2003

Executed this 22 day of March, 2002, at Acton,  
Massachusetts.

Ilia Sokolinski  
Ilia Sokolinski

Commonwealth of Massachusetts )

County of Middlesex )

Before me personally appeared said Ilia Sokolinski and acknowledged the foregoing  
instrument to be his free act and deed this 22<sup>nd</sup> day of March, 2002.

Seal

Kimberly A. Prehl

**KIMBERLY A. PREHL**  
Notary Public  
My Commission Expires  
December 30, 2005

Executed this 6<sup>th</sup> day of April, 2002, at Newton center,  
Massachusetts.

*Milan Merhar*  
Milan Merhar

Commonwealth of Massachusetts )

County of NO. FOLK )

Before me personally appeared said Milan Merhar and acknowledged the foregoing  
instrument to be his free act and deed this 6<sup>th</sup> day of APRIL, 2002.

Seal *David Zablatsky*

DAVID ZABLATSKY  
NOTARY PUBLIC  
My Commission Expires Nov. 25, 2005