

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4006370

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	VESA JUHANI HUKKANEN	08/17/2003
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	GIWANO NETWORKS OY	
<b>Street Address:</b>	POHJOISESPLANADI 25 B 18	
<b>City:</b>	HELSINKI	
<b>State/Country:</b>	FINLAND	
<b>Postal Code:</b>	FIN-00100	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15084695	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Email:</b>	request@slwip.com	
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.	
<b>Address Line 1:</b>	P.O. BOX 2938	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402	
<b>ATTORNEY DOCKET NUMBER:</b>	2043.424US6	
<b>NAME OF SUBMITTER:</b>	MEGAN L. REED	
<b>SIGNATURE:</b>	/Megan L. Reed/	
<b>DATE SIGNED:</b>	08/15/2016	
<b>Total Attachments: 2</b>		
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source=2043 424US6 Inventor to GIWANO NETWORKS OY#page2.tif		

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 2043.424US6

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Vesa Juhani Hukkanen

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: August 17, 2003

2. Name and address of receiving party(ies):

Name: GIWANO NETWORKS OY

Street Address: Pohjoisesplanadi 25 B 18  
FIN-00100 Helsinki

City: Helsinki FIN-00100

Country: Finland

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 is:

A. Patent Application No.(s)

Serial No. 15/084,695

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Susan Yee

Address:

Schwegman Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. 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.

Susan Yee/Reg. No. 41,388

Name of Person Signing

  
Signature

August 11, 2016

Date

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PATENT**  
**REEL: 039431 FRAME: 0387**

**ASSIGNMENT**

WHEREAS,

Vesa Juhani HUKKANEN  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in  
**SYSTEM FOR ESTABLISHING AND MAINTAINING A CONNECTION**

- (a) for which an application for a United States patent was filed on  
 \_\_\_\_\_, Application No. \_\_\_\_\_,
- (b) for which an application for a United States patent was executed on  
 \_\_\_\_\_

WHEREAS, GWANO NETWORKS OY,whose address is Pohjoisesplanadi 25 B 18, FIN-00100 Helsinki, Finland,

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in  
 and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt  
 whereof is acknowledged, and other good and valuable consideration, applicant(s), by these  
 presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to  
 the said invention in the United States and the entire right, title and interest in and to any and all  
 patents which may be granted therefore in the United States, for its sole use and behoof, and for  
 the use and behoof of its legal representatives, to the full end of the term for which said patents  
 may be granted, as fully and entirely as the same would have been held by applicant(s) had this  
 assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and  
 Trademarks to issue said United States patents to said assignee(s).

Date 17<sup>th</sup> AUGUST 2003
  
 (signature) Vesa Juhani HUKKANEN

Date \_\_\_\_\_

(signature) \_\_\_\_\_

Date \_\_\_\_\_

(signature) \_\_\_\_\_

Date \_\_\_\_\_

(signature) \_\_\_\_\_

Date \_\_\_\_\_

(signature) \_\_\_\_\_

RECORDED: 08/18/2003

 PATENT  
 REEL: 014898 FRAME: 0211

RECORDED: 08/15/2016

 PATENT  
 REEL: 039431 FRAME: 0388