

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT5313357

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the SPELLING OF THE ASSIGNOR NAME previously recorded on Reel 047234 Frame 0549. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
<b>RESUBMIT DOCUMENT ID:</b>	505169586

**CONVEYING PARTY DATA**

Name	Execution Date
SAKU LUKKALA	04/26/2016
PEKKA VIILIAINEN	04/27/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	COPLA OY
<b>Street Address:</b>	RUOSILANKUJA 3 A
<b>City:</b>	HELSINKI
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	FI-00390

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16090644

**CORRESPONDENCE DATA****Fax Number:**

*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.*

**Phone:** 203 659 0388  
**Email:** ptomail@gziplaw.com  
**Correspondent Name:** ZIEGLER IP LAW GROUP, LLC.  
**Address Line 1:** 55 GREENS FARMS ROAD  
**Address Line 4:** WESTPORT, CONNECTICUT 06880

<b>ATTORNEY DOCKET NUMBER:</b>	ESP.5107.USN1
<b>NAME OF SUBMITTER:</b>	GEZA C. ZIEGLER
<b>SIGNATURE:</b>	/gcz44004/
<b>DATE SIGNED:</b>	01/08/2019

**Total Attachments: 5**

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 source=181019\_5107\_Signed-assignment\_Viilainen#page1.tif

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source=5107\_MarkedUPNOR#page1.tif  
source=MUNotice#page1.tif

**WORLDWIDE ASSIGNMENT**

I/We i.e. Assignor(s):

Saku Lukkala

(Full name of inventor 1)

Pekka Viiliäinen

(Full name of inventor 2)

for good and valuable consideration the receipt of which is acknowledged by Assignor(s), as the owner of the Invention:

Dokumenttiautomaatio; Docstarter (31433)  
(Invention disclosure title, invention report number, or other identification)

hereby assign to Assignee(s) (reference including also their successors and assigns):

Copla Oy, Ruosilankuja 3 A, FI-00390 Helsinki, Finland

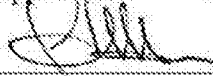
- 1) the full and exclusive worldwide rights to the Invention
- 2) an equal interest in and to the entire right, title and interest in and to any intellectual property rights in the Invention such as rights for patents which have been granted or may be granted on the Invention, application for patents and continuations, divisionals, re-issues and extensions, utility models, industrial designs, and right to priority claim, around the world.

The assignment particularly transfers from Assignor(s) the rights conferred by:

 FI patent application no: 20165327, filed 15 April 2016 patent application no: \_\_\_\_\_, filed \_\_\_\_\_

with the right to claim the benefit of the filing date of said patent application(s).

Assignor(s) agree(s) further to cooperate with Assignee(s) and to timely execute and deliver all papers, instruments and assignments as may be necessary to vest all right, title and interest in and to the intellectual property rights to the Invention and to cause patent(s) to be issued to Assignee(s); to testify in any legal proceeding, to sign all lawful papers and applications; to make all rightful oaths; and to generally do everything possible to aid Assignee to obtain and enforce proper protection for the Invention in all countries; and to authorise the attorney of record to update this document to include patent office information (filing date and/or application number).

  
Saku Lukkala26.4.2016  
(Date)

Pekka Viiliäinen

(Date)

# WORLDWIDE ASSIGNMENT

I/We i.e. Assignor(s):

Saku Lukkala  
(Full name of inventor 1)

Pekka Viiliäinen  
(Full name of inventor 2)

for good and valuable consideration the receipt of which is acknowledged by Assignor(s), as the owner of the Invention:

Dokumentiautomaatio: Docstarter (31433)  
(Invention disclosure title, invention report number, or other identification)

hereby assign to Assignee(s) (reference including also their successors and assigns):

Copla Oy, Ruosilankuja 3 A, FI-00390 Helsinki, Finland

- 1) the full and exclusive worldwide rights to the Invention
- 2) an equal interest in and to the entire right, title and interest in and to any intellectual property rights in the Invention such as rights for patents which have been granted or may be granted on the Invention, application for patents and continuations, divisionals, re-issues and extensions, utility models, industrial designs, and right to priority claim, around the world.

The assignment particularly transfers from Assignor(s) the rights conferred by:

FI patent application no: 20165327, filed 15 April 2016

patent application no: \_\_\_\_\_, filed \_\_\_\_\_

with the right to claim the benefit of the filing date of said patent application(s).

Assignor(s) agree(s) further to cooperate with Assignee(s) and to timely execute and deliver all papers, instruments and assignments as may be necessary to vest all right, title and interest in and to the intellectual property rights to the Invention and to cause patent(s) to be issued to Assignee(s); to testify in any legal proceeding, to sign all lawful papers and applications; to make all rightful oaths; and to generally do everything possible to aid Assignee to obtain and enforce proper protection for the Invention in all countries; and to authorise the attorney of record to update this document to include patent office information (filing date and/or application number).

\_\_\_\_\_  
Saku Lukkala

\_\_\_\_\_  
(Date)

Pekka Viiliäinen  
Pekka Viiliäinen

27.4.2016  
(Date)

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5196796

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAKULA LUKKALA	04/26/2016
PEKKA VIILIAINEN	04/27/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COPLA OY
<b>Street Address:</b>	RUOSILANKUJA 3 A
<b>City:</b>	HELSINKI
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	FI-00390
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16090644
<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>Phone:</b>	2036590388
<b>Email:</b>	ziplaw@gziplaw.com
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<b>Address Line 4:</b>	WESTPORT, CONNECTICUT 06880
<b>ATTORNEY DOCKET NUMBER:</b>	ESP.5107.USN1
<b>NAME OF SUBMITTER:</b>	GEZA C. ZIEGLER
<b>SIGNATURE:</b>	/gcz44004/
<b>DATE SIGNED:</b>	10/19/2018
<b>Total Attachments: 2</b>	
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source=181019_5107_Signed-assignment_Viiliainen#page1.tif	



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 22, 2018

PTAS

ZIEGLER IP LAW GROUP, LLC  
55 GREENS FARMS ROAD  
WESTPORT, CT 06880

**505150029**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/19/2018

REEL/FRAME: 047234/0549  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: ESP.5107.USN1

ASSIGNOR:

LUKKALA, ~~SAKULA~~ SAKU

DOC DATE: 04/26/2016

ASSIGNOR:

VIILIAINEN, PEKKA

DOC DATE: 04/27/2016

ASSIGNEE:

COPLA OY  
RUOSILANKUJA 3 A  
HELSINKI, FINLAND FI-00390

APPLICATION NUMBER: 16090644

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: DOCUMENT AUTOMATION

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5216354

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the SPELLING OF THE ASSIGNOR NAME previously recorded on Reel 047234 Frame 0549. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SAKU LUKKALA	04/26/2016
	PEKKA VIILAINEN	<del>04/26/2016</del> 04/27/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	COPLA OY	
<b>Street Address:</b>	RUOSILANKUJA 3 A	
<b>City:</b>	HELSINKI	
<b>State/Country:</b>	FINLAND	
<b>Postal Code:</b>	FI-00390	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16090644
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(203)222-5299	
<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>Phone:</b>	203 659 0388	
<b>Email:</b>	ptomail@gziplaw.com	
<b>Correspondent Name:</b>	ZIEGLER IP LAW GROUP, LLC.	
<b>Address Line 1:</b>	55 GREENS FARMS ROAD	
<b>Address Line 4:</b>	WESTPORT, CONNECTICUT 06880	
<b>ATTORNEY DOCKET NUMBER:</b>	ESP.5107.USN1	
<b>NAME OF SUBMITTER:</b>	GEZA C ZIEGLER JR	
<b>SIGNATURE:</b>	/gcz44004/	
<b>DATE SIGNED:</b>	10/31/2018	
<b>Total Attachments: 4</b>		
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