

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5357262

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERTO BIFULCO	03/17/2017
ANTON MATSIUK	03/23/2017
RECEIVING PARTY DATA	
Name:	NEC EUROPE LTD.
Street Address:	KURFUERSTEN-ANLAGE 36
City:	HEIDELBERG
State/Country:	GERMANY
Postal Code:	69115
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16264725
CORRESPONDENCE DATA	
Fax Number:	(312)616-5700
<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>	
Phone:	3126165600
Email:	assignments@leydig.com
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 2:	180 NORTH STETSON AVENUE
Address Line 4:	CHICAGO, ILLINOIS 606016731
ATTORNEY DOCKET NUMBER:	816848
NAME OF SUBMITTER:	ERIK R. SWANSON
SIGNATURE:	/Erik R. Swanson/
DATE SIGNED:	02/04/2019
Total Attachments: 2	
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ASSIGNMENT

I, Roberto Bifulco, residing at Bergheimerstrasse 38; 69115 Heidelberg; GERMANY;
and

I, Anton Matsiuk, residing at Bautzenstrasse 1; Whg-Nr. 12.01; 69115 Heidelberg;
GERMANY;

and each of us, if more than one person is identified above, have invented and own a certain
invention entitled:

EFFICIENT SERVICE FUNCTION CHAINING OVER A TRANSPORT NETWORK

for which invention International Application No. PCT/EP2014/070273 was filed on
September 23, 2014, designating the U.S. and

WHEREAS,

NEC Europe Ltd.

having an address at Kurfuersten-Anlage 36; 69115 Heidelberg; Germany,

hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign
right, title, and interest in and under the invention described in the above patent application.

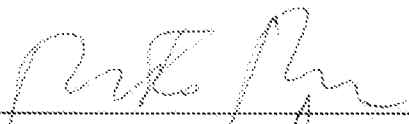
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency
of which are hereby acknowledged, I/we assign and transfer to the Assignee and the
Assignee's legal representatives, successors and assigns my/our full and exclusive rights in
and to the invention in the U.S. and every foreign country and my/our entire right, title, and
interest in and to the patent application and other such applications (e.g., provisional
applications, non-provisional applications, continuations, continuations-in-part, divisionals,
reissues, reexaminations, National phase applications, including petty patent applications, and
utility model applications) that may be filed in the United States and every foreign country on
the invention, and the patents, extensions, or derivations thereof, both foreign and domestic,
that may issue thereon, and I/we do hereby authorize and request the Commissioner of

Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

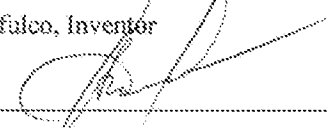
I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 27/3/2017



Roberto Bifulco, Inventor

Date 23/3/2017



Anton Matsiuk, Inventor