504707961 12/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4754683

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAURIZIO DUSI	02/16/2016
SAVERIO NICCOLINI	02/16/2016
GIULIO PICIERRO	02/22/2016
RICCARDO PAOLILLO	02/22/2016
MICHELE ORRU	02/22/2016
GIUSEPPE BIANCHI	02/22/2016

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:	15851767

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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.

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Email: assignments@leydig.com

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Address Line 2: 180 NORTH STETSON AVENUE Address Line 4: CHICAGO, ILLINOIS 606016731

ATTORNEY DOCKET NUMBER:	816180
NAME OF SUBMITTER:	ERIK R. SWANSON
SIGNATURE:	/Erik R. Swanson/
DATE SIGNED:	12/29/2017

PATENT 504707961 REEL: 044504 FRAME: 0464

Total Attachments: 9 source=815145_Executed_Assignments#page1.tif source=815145_Executed_Assignments#page2.tif source=815145_Executed_Assignments#page3.tif source=815145_Executed_Assignments#page4.tif source=815145_Executed_Assignments#page5.tif source=815145_Executed_Assignments#page6.tif source=815145_Executed_Assignments#page7.tif source=815145_Executed_Assignments#page8.tif source=815145_Executed_Assignments#page8.tif

PATENT REEL: 044504 FRAME: 0465

ASSIGNMENT

I, Maurizio Dusi, residing at Via Pietro Nenni 8; 26030 Gadesco Pieve Delmona; ITALY; and

I, Saverio Niccolini, residing at Falltorstrasse 27; 69151 Neckargemuend; GERMANY; and

I, Giulio Picierro, residing at Via Formellonzi, 51; 00049 Velletri (Rome); ITALY; and

I, Riccardo Paolillo, residing at Viale Spartaco 28; 00174 Rome; ITALY; and

I, Michele Orru, residing at Via Vittorio Emanuele III, 32; 09022 Lunamatrona (VS); ITALY; and

I, Giuseppe Bianchi, residing at Via Antonio Gramsci 22; 00197 Rome; ITALY;

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

METHOD AND SYSTEM FOR ANALYZING A DATA FLOW

for which invention International Application No. PCT/EP2013/076433 was filed on December 12, 2013, 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

Page 1 of 3

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	16/02/2016	Maurizio Dusi, Inventor
Date		Saverio Niccolini, Inventor
Date		Giulio Picierro, Inventor
Date		Riccardo Paolillo, Inventor
Date		Michele Orru, Inventor
Date		Giuseppe Bianchi, Inventor

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Date	
	Maurizio Dusi, Inventor
Date <u>46,02,70/6</u>	<u>Same Mucal</u>
	Saverio Niccolini, Inventor
Date	
	Giulio Picierro, Inventor
Date	
	Riccardo Paolillo, Inventor
Date	
	Michele Orru, Inventor
Date	
-	Giuseppe Bianchi, Inventor

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Date	
	Maurizio Dusi, Inventor
Date	
	Saverio Niccolini, Inventor
Date <u>22/02/2016</u>	<u> Jili Caro</u>
, , , , , , , , , , , , , , , , , , ,	Giulio Picierro, Inventor
Date 22/02/2046	Manh Ills
	Riccardo Paolillo, Inventor
Date <u>22/02/2</u> 046	Milul 24
, ,	Michele Orru, Inventor
Date <u>22/02/2016</u>	<u> </u>
*	Giuseppe Bianchi, Inventor