

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6246052

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OLSEN DATA LTD.	08/05/2020
THE OLSEN GROUP	08/05/2020
OLSEN LTD.	08/05/2020
OLSEN & ASSOCIATES	08/05/2020
DR. RICHARD B OLSEN	08/05/2020
RECEIVING PARTY DATA	
Name:	OANDA CORPORATION
Street Address:	1441 BROADWAY
Internal Address:	6TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10018
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	7356504
Patent Number:	7742959
Patent Number:	7702548
Patent Number:	7496534
CORRESPONDENCE DATA	
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<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>	
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NAME OF SUBMITTER:	ERIK DYKEMA

PATENT

SIGNATURE:	/Erik Dykema/
DATE SIGNED:	08/12/2020
Total Attachments: 4 source=Assignment and Declaration - Olsen#page1.tif source=Assignment and Declaration - Olsen#page2.tif source=Assignment and Declaration - Olsen#page3.tif source=Assignment and Declaration - Olsen#page4.tif	

ASSIGNMENT OF OWNERSHIP OF THE OLSEN DATA PATENTS

WHEREAS, the entities known as The Olsen Group, Olsen & Associates, and Olsen Data Ltd., also known as Olsen Ltd. (collectively referred to as the “Olsen Entities”), each of which had its principal place of business at Seefeldstrasse 233, 8008 Zürich, Switzerland, and each of which previously owned interests in several U.S. Patent Applications and granted U.S. Patents, including the following (collectively referred to as the “Olsen Data Patents”):

Patent No.	App. No.	Title	Inventors
7356504	9842438	METHODS FOR DETERMINING VALUE AT RISK	Ulrich A. Muller
7742959	9842440	FILTERING OF HIGH FREQUENCY TIME SERIES DATA	Ulrich A. Muller
7702548	9845220	METHODS FOR ANALYSIS OF FINANCIAL MARKETS	Gilles O. Zumbach, Ulrich A. Muller, Richard B. Olsen
7496534	9855633	METHODS FOR TRADE DECISION MAKING	Richard B. Olsen, Michel M. Dacorogna, Ulrich A. Muller, Rakhal D. Dave, Lars A. Jaeger, Olivier V. Pictet

WHEREAS, it is the present understanding of each of the Olsen Entities that all right, title and interest in each of the Olsen Data Patents has been assigned to Olsen Data Ltd.;

WHEREAS Olsen Data Ltd. desires to transfer ownership of the Olsen Data Patents to Oanda Corporation;

WHEREAS, each of the Olsen Entities, and Dr. Richard B. Olsen, individually and collectively (“ASSIGNORS”), to the extent they do presently have any interest in any of the Olsen Data Patents, desire to transfer any ownership interest they may possess of the Olsen Data Patents to Oanda Corporation; and

WHEREAS, Oanda Corporation (“ASSIGNEE”) desires to acquire the entire right, title, and interest in and to the Olsen Data Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to said ASSIGNEE, and to ASSIGNEE's successors and assigns, ASSIGNORS' entire right, title and interest in and to said inventions and discoveries in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said inventions and discoveries by said application or any patent application claiming priority to the application, or any continuation,

division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this inventions and discoveries to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said inventions and discoveries and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said inventions and discoveries and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the ASSIGNORS have hereunto set hand and signed on the date indicated below:

DocuSigned by:

Dr. Richard Olsen

8/5/2020

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ASSIGNOR: Dr. Richard B. Olsen,
On his own behalf individually, and as
CEO and Chairman of:
The Olsen Group,
Olsen Ltd.,
Olsen & Associates, and
Olsen Data Ltd.

Date

DECLARATION REGARDING OWNERSHIP OF THE OLSEN DATA PATENTS

I, Dr. Richard B. Olsen, hereby declare as follows:

1. I am citizen of the Swiss Confederation, and reside in Zurich. I am knowledgeable with and duly authorized to make the representations in this declaration and, if called upon to testify, could and would testify competently about them;
2. At all times relevant to the events discussed herein, I was the CEO & Chairman of the Board of the entities known as The Olsen Group, Olsen & Associates, Olsen Ltd. (formerly known as Olsen Data Ltd.), (collectively, the "Olsen Entities"), each of which had its principal place of business at Seefeldstrasse 233, 8008 Zürich, Switzerland;
3. I am also a founder of Oanda Corporation, a Delaware corporation, having offices at 1441 Broadway, 6th Floor, Suite 6027, New York, New York, 10018;
4. This declaration concerns the chain of title of the following U.S. Patent Applications and granted U.S. Patents (the "Olsen Data Patents"):

Patent No.	App. No.	Title	Inventors
7356504	9842438	METHODS FOR DETERMINING VALUE AT RISK	Ulrich A. Muller
7742959	9842440	FILTERING OF HIGH FREQUENCY TIME SERIES DATA	Ulrich A. Muller
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5. With respect to U.S. Patents No. 7,356,504 and 7,742,959 (the "Müller Patents"), the inventor Müller assigned his interest in the patents to The Olsen Group. I subsequently assigned the Müller Patents from the Olsen Group to Olsen & Associates, and after that, from Olsen & Associates to Olsen Data Ltd. Thus, all right, title, and interest in the Müller Patents is presently owned by Oanda Corporation.
6. With respect to U.S. Patent No. 7702548 (the "'548 Patent"), I am one of the named inventors, along with Messrs. Zumbach and Müller. Zumbach and Müller assigned their interest in the '548 Patent to The Olsen Group. I assigned my interest to Olsen & Associates, and then to Olsen Data Ltd. Subsequently, I assigned the Olsen Group's

interest in the '548 Patent to Olsen Data Ltd. Thus, all right, title and interest in the '548 Patent is presently owned by Oanda Corporation.

7. With respect to U.S. Patent No. 7496534 (the "'534 Patent"), I am one of the named inventors, along with Messrs. Dacorogna, Müller, Dave, Jaeger, and Pictet. Each of the inventors of the '534 Patent, other than myself, were employees of Olsen & Associates, and invented the '534 Patent in the course of their employment, and in the performance of their contractual obligations to, their employer Olsen & Associates. I am informed by counsel that, under the law of Switzerland, any interest they may have had in the '534 Patent was automatically assigned, by operation of law, to Olsen & Associates. I also assigned my interest in the '534 Patent to Olsen & Associates. Subsequently, I assigned the '534 Patent to Olsen Data Ltd. Thus, all right, title, and interest in the '534 Patent is presently owned by Oanda Corporation.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Executed on: 8/5/2020

DocuSigned by:

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Dr. Richard B. Olsen