

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5404933

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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ANAIS FABIENNE CHRISTIANE DONY	12/03/2013
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14542726
Application Number:	14561810
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NAME OF SUBMITTER:	NANCY NUNEZ
SIGNATURE:	/NN/
DATE SIGNED:	03/05/2019
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, WE, Alicia Suminski, residing at 3 Rue Auguste Vitu 75015 Paris, France, and **Anais Fabienne Christiane Dony**, residing at 11 Avenue Fayolle 94300 Vincennes, France, have invented, developed, and/or have rights in the invention(s) (hereinafter "Invention") disclosed in the following patent applications (collectively referred to herein as the "Applications"): U.S. Provisional Patent Application No. 61/746,486, filed on December 27, 2012, U.S. Provisional Patent Application No. 61/784,222, filed on March 14, 2013, and a non-provisional application entitled "AUCTIONING MECHANISMS FOR DARK ORDER BLOCK TRADING", the non-provisional patent application also identified as follows (when known):

U.S. Patent Application No. 14/139,724 filed December 23, 2013.

WE HEREBY authorize and request our agents, Lowenstein Sandler LLP, having a place of business at 65 Livingston Avenue, Roseland, NJ 07068, to insert above the application number and filing date of the non-provisional patent application when known.

WHEREAS, NYSE Euronext, a Delaware corporation having a place of business at 11 Wall Street, New York, NY 10005 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Invention and in and to the Applications.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee and its successors and assigns, our entire right, title and interest, worldwide, in and to the Invention and the Applications, and all patents and applications, worldwide, claiming priority to and/or benefit of, directly or indirectly, or based in whole or in part on, the Invention and/or the Applications, including continuations, continuations-in-part, divisionals, reissues, reexaminations, renewals, substitutes, and extensions thereof, and any international and regional applications, based in whole or in part on any of the aforesaid applications or in whole or in part on the Invention and/or the Applications, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed, worldwide, for the Invention, and in and to any and all patents (including all extensions, renewals, reexaminations and reissues thereof), worldwide, which have been or may be granted on any of the aforesaid applications, the Invention, the Applications or any parts thereof.

AND WE HEREBY covenant and agree for ourselves and our heirs, executors and administrators that we will communicate to Assignee any facts known to us respecting the aforementioned patents, applications, Invention and Applications, sign all lawful papers, testify in any legal proceeding, make all rightful oaths, and take any other actions that may be necessary or desirable to secure to Assignee its right, title, and interest in and to the aforementioned patents, applications, Invention and Applications, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for the aforementioned patents, applications, Invention and Applications;

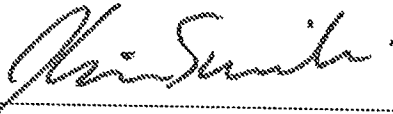
AND WE HEREBY agree to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of the Applications, or in the preparation or prosecution of any continuation, continuation-in-part, divisional, substitute, renewal, reexamination or reissue applications or in any amendments, extensions or interference proceedings, or other applications for patents or similar rights of any region or country, that may be necessary to secure to Assignee its interest and title in and to the Invention or any parts thereof, and in and to the Applications and patents;

AND WE HEREBY covenant for ourselves and our legal representatives, and agree with said Assignee, its successors and assigns, that we have the full right to convey the entire interest herein assigned, and that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said Assignee, that prior to the execution of this deed, our right, title and interest in the Invention and the Applications had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

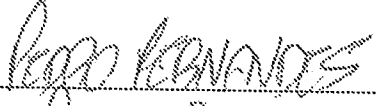
AND WE HEREBY authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue any and all letters patents which may be granted upon the United States and foreign applications or upon the Invention to the Assignee.

- SIGNATURES BEGIN ON NEXT PAGE

3.12.2013
Date


Alicia Suminski

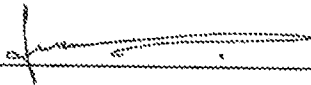
WITNESS

Signature: 
Printed Name: PEDRO FERNANDES
Date: 03/12/2013

03/12/2013
Date


Anais Fabienne Christiane Dony

WITNESS

Signature: 
Printed Name: WAIL AZIZI
Date: 03/14/2013