

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4550388

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
STATE STREET NEWCO, LLC	04/21/2017
RECEIVING PARTY DATA	
Name:	STATE STREET GLOBAL MARKETS, LLC
Street Address:	1209 ORANGE STREET
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19720
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	8583544
Patent Number:	8521627
Patent Number:	8401958
Patent Number:	8117105
CORRESPONDENCE DATA	
Fax Number:	(212)806-6006
<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:	2128065400
Email:	rdorazio@stroock.com
Correspondent Name:	STROOCK & STROOCK & LAVAN, LLP
Address Line 1:	180 MAIDEN LANE
Address Line 4:	NEW YORK, NEW YORK 10038
ATTORNEY DOCKET NUMBER:	003038/0154
NAME OF SUBMITTER:	JEFFREY MANN
SIGNATURE:	/Jeffrey Mann/
DATE SIGNED:	08/15/2017
Total Attachments: 4	
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Delaware

The First State

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I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS ON FILE OF "STATE STREET GLOBAL MARKETS, LLC" AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF FORMATION, FILED THE SEVENTH DAY OF OCTOBER, A.D. 2016, AT 4:14 O`CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "STATE STREET NEWCO, LLC" TO "STATE STREET GLOBAL MARKETS, LLC", FILED THE TWENTY-FIRST DAY OF APRIL, A.D. 2017, AT 4:32 O`CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FIRST DAY OF MAY, A.D. 2017 AT 12:02 O`CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE AFORESAID LIMITED LIABILITY COMPANY, "STATE STREET GLOBAL MARKETS, LLC".




JEFFREY W. BULLOCK, Secretary of State

6175593 8100H
SR# 20173192256

Authentication: 202498845
Date: 05-08-17

You may verify this certificate online at corp.delaware.gov/authver.shtml

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Jeffrey M. Bullock, Secretary of State

6175593 8100H
SR# 20173192256

Authentication: 202498845
Date: 05-08-17


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PATENT
REEL: 043552 FRAME: 0389

CERTIFICATE OF FORMATION
OF
STATE STREET NEWCO, LLC

1. The name of the limited liability company is "State Street Newco, LLC".
2. The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of State Street Newco, LLC this 7th day of October 2016.


Name: Nicholas Bonn
Title: Chief Executive Officer
State Street Global Markets, LLC

CERTIFICATE OF AMENDMENT
OF THE
CERTIFICATE OF FORMATION
OF
STATE STREET NEWCO, LLC

In accordance with Section 18-202 of the Delaware Limited Liability Company Act:

1. The name of the limited liability company is State Street Newco, LLC (the "Company").

2. The original Certificate of Formation of the Company was filed on October 7, 2016.

3. Article 1 of the Certificate of Formation of the Company is hereby amended in its entirety to read as follows:

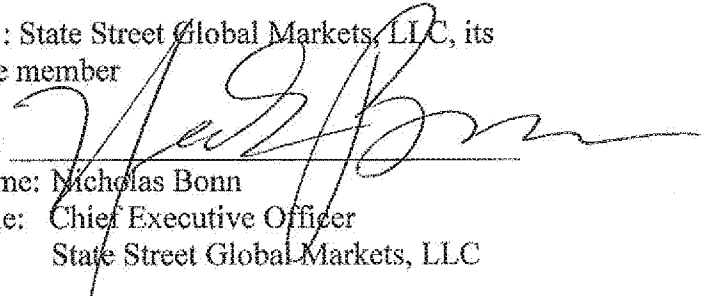
"The name of the limited liability company is State Street Global Markets, LLC."

4. This Certificate of Amendment shall be effective on May 1, 2017, at 12:02 a.m.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Amendment of the Certificate of Formation of State Street Newco, LLC this 21st day of April, 2017.

STATE STREET NEWCO, LLC,
a Delaware limited liability company

By : State Street Global Markets, LLC, its
sole member

By: 
Name: Nicholas Bonn
Title: Chief Executive Officer
State Street Global Markets, LLC