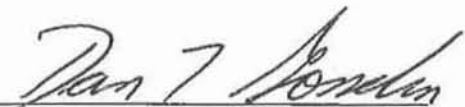


BNY TRUST COMPANY OF CANADA CERTIFICATE OF OFFICER

I, Dan T. Gosselin, Managing Director, President and CEO of BNY Trust Company of Canada ("BNY Canada"), certify for and on behalf of BNY Canada the following:

1. Attached as **Exhibit "A"** are true and complete copies of the letters patent of BNY Canada. The letters patent are in full force and effect at this date, have not been amended, and neither the board of directors nor shareholders of BNY Canada have passed, confirmed or consented to any amendments or variations to the letters patent.
2. Attached as **Exhibit "B"** are true and complete copies of certain excerpts from the by-laws of BNY Canada, which excerpts comprise all of the provisions in the by-laws of BNY Canada relative to the execution by BNY Canada and its signing authorities of documents (the "**Signing Authority By-Laws**"). These excerpts are in full force and effect at this date, have not been amended, and neither the board of directors nor shareholders of BNY Canada have passed, confirmed or consented to any amendments or variations to these excerpts.
3. Attached as **Exhibit "C"** are true and complete copies of certain resolutions of the board of directors of BNY Canada (the "**Signing Authority Resolutions**", and together with the Signing Authority By-Laws, the "**Signing Authority Documents**"), all of which have been duly and validly passed in accordance with applicable law with respect to the execution of documents. These resolutions are in full force and effect at this date and have not been amended.
4. Attached as **Exhibit "D"** is a true and complete copy of an authorization duly executed by me in my capacity as President and Chief Executive Officer of BNY Canada authorizing and granting certain officers or persons certain powers as provided under the Signing Authority Documents to sign documents on behalf of BNY Canada (the "**Signing Authority Authorization**"). The Signing Authority Authorization is in full force and effect at this date and has not been amended.
5. Those officers or persons named in the Signing Authority Authorization are set forth in **Exhibit "E"**, and each such officer or person is at this date an officer or person authorized to sign documents on behalf of the BNY Canada, duly elected or appointed to the title set forth opposite their respective names, and the signature of each officer or person appearing opposite his or her name is a true specimen of his or her signature.

DATED at TORONTO this 21 day of December, 2017.


Name: Dan T. Gosselin
Title: Managing Director



Canada

Letters Patent of Continuance

Trust and Loan Companies Act

The Secretary of State (International Financial Institutions), on behalf of the Minister of Finance and pursuant to section 33 of the *Trust and Loan Companies Act*:

- continues 3812863 Canada Inc., a company incorporated under the *Canada Business Corporation Act*, as a company under the *Trust and Loan Companies Act*;
- declares that the name of the company is **BNY Trust Company of Canada**;
- declares that the head office of the company shall be in the City of Toronto, in the Province of Ontario; and
- declares that these letters patent are effective on May 4, 2001.

Date: May 4, 2001

Lettres patentes de prorogation

Loi sur les sociétés de fiducie et de prêt

Au nom du ministre des Finances, et en vertu de l'article 33 de la *Loi sur les sociétés de fiducie et de prêt*, le secrétaire d'État (Institutions financières internationales) :

- proroge 3812863 Canada Inc., une société constituée aux termes de la *Loi sur les sociétés par actions*, comme une société sous le régime de la *Loi sur les sociétés de fiducie et de prêt*;
- statue que la dénomination sociale de la société est **Compagnie Trust BNY Canada**;
- fixe le siège de la société dans la ville de Toronto, dans la province de Ontario;
- statue que ces lettres patentes entrent en vigueur le 4 mai 2001.

Date: Le 4 mai 2001

A handwritten signature in cursive script, reading "James Scott Peterson".

Secretary of State
(International Financial Institutions)

EXCERPTS FROM BY-LAWS

Section 2.5 Real Property.

Real property or interests in real property owned by the Company in its own right shall not be deeded, conveyed, mortgaged, assigned or transferred except when duly authorized by a resolution of the Board. The Board may from time to time authorize officers to deed, convey, mortgage, assign or transfer real property owned by the Company in its own right with such maximum values as the board may fix in its authorizing resolution.

Section 2.6 Senior Signing Powers.

Subject to the exception provided in Section 2.5, the Chairman, the President, any Vice Chairman of the Board or any Executive Vice President is authorized to accept, endorse, execute or sign any document, instrument or paper in the name of, or on behalf of, the Company in all transactions arising out of, or in connection with, the normal course of the Company's business or in any fiduciary, representative or agency capacity and, when required, to affix the seal of the Company thereto. In such instances as in the judgment of the Chairman, the President, any Vice Chairman of the Board, any Senior Executive Vice President or any Executive Vice President may be proper and desirable, anyone of said officers may authorize in writing from time-to-time any other officer to have the powers set forth in this section applicable only to the performance or discharge of the duties of such officer within his or her particular division or function. Any officer of the Company authorized in or pursuant to Section 2.7 to have any of the powers set forth therein, other than the officer signing pursuant to this Section 2.6, is authorized to attest to the seal of the Company on any documents requiring such seal.

Section 2.7 Limited Signing Powers.

Subject to the exception provided in Section 2.5, in such instances as in the judgment of the Chairman, the President, any Vice Chairman of the Board, any Senior Executive Vice President or any Executive Vice President may be proper and desirable, anyone of said officers may authorize in writing from time-to-time any other officer, employee or individual to have the limited signing powers or limited power to affix the seal of the Company to specified classes of documents set forth in a resolution of the Board applicable only to the performance or discharge of the duties of such officer, employee or individual within his or her division or function.

EXHIBIT B

Section 2.8 Powers of Attorney.

All powers of attorney on behalf of the Company shall be executed by any officer of the Company jointly with the Chairman of the Board, the President, any Vice Chairman, any Senior Executive Vice President, any Executive Vice President, any Senior Vice President or any Managing Director, provided that the execution by such Senior Vice President or Managing Director of said Power of Attorney shall be applicable only to the performance or discharge of the duties of said officer within his or her particular division or function. Any such power of attorney may, however, be executed by any officer or officers or person or persons who may be specifically authorized to execute the same by the Board of Directors.

Section 2.9 Auditor.

The Auditor or any officer designated by the Auditor is authorized to certify in the name of, or on behalf of the Company, in its own right or in a fiduciary or representative capacity, as to the accuracy and completeness of any account, schedule of assets, or other document, instrument or paper requiring such certification.

SIGNING AUTHORITY RESOLUTION

Pursuant to Section 2.7 of the By-laws

WHEREAS, The Bank of New York Mellon (the "Bank") seeks to implement an electronic system of requesting, granting and tracking signature authority ("Electronic Authorized Signature System") for the Bank, its subsidiaries and affiliates; and

WHEREAS, the Bank maintains an Authorized Signatures Policy which outlines the necessary procedures to initiate or change signing authority for officers and certain non-officers of the Bank, its subsidiaries and affiliates; and

WHEREAS, BNY Trust Company of Canada ("BNY Canada") is considered to be an affiliate of the Bank for the purposes of implementing the Electronic Authorized Signature system;

WHEREAS, the By-Laws of each corporation govern the signing authority for that particular entity; and

WHEREAS, Section 2.7, Limited Signing Powers, of the By-Laws of BNY Canada makes reference to a resolution of the Board (the "Resolution") which sets forth categories of limited signing powers which may be delegated by the Chairman, the President, any Vice Chairman, any Senior Executive Vice President or any Executive Vice President to any other officer, employee or individual; and

WHEREAS, in connection with the implementation of the Electronic Authorized Signature System, management is recommending amendments to the Resolution with respect to revising or adding certain signing authority categories; and

NOW THEREFORE, BE IT:

RESOLVED, that the Resolution of the Board, referred to in Section 2.7 of the By-Laws of BNY Canada be, and it hereby is, amended in its entirety, to read as follows:

RESOLVED, that, pursuant to Section 2.7 of the By-laws of BNY Canada authority be, and hereby is, granted to the Chairman, the President, any Vice Chairman of the Board, any Senior Executive Vice President, or any Executive Vice President, in such instances as in the judgment of any one of said officers may be proper and desirable, to authorize in writing from time-to-time any other officer, employee or individual to have the limited signing authority set forth in any one or more of the following paragraphs applicable only to the performance or discharge of the duties of such officer, employee or individual within his or her division or function:

(A) All signing authority set forth in paragraphs (B) through (I) below except Level C which must be specifically designated.

(B1) Individuals authorized to accept, endorse, execute or sign any bill receivable; certification; contract, document or other instrument evidencing, embodying a commitment with respect to, or reflecting the terms or conditions of, a loan or an extension of credit by BNY Canada; note; and document, instrument or paper of any type, including stock and bond powers, required for purchasing, selling, transferring, exchanging or otherwise disposing of or dealing in foreign currency, derivatives or any form of securities, including options and futures thereon; in each case in transactions arising out of, or in connection with, the normal course of BNY Canada's business.

(B2) Individuals authorized to endorse, execute or sign any certification; disclosure notice required by law; document, instrument or paper of any type required for judicial, regulatory or administrative proceedings or filings; and legal opinions.

(C1) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in excess of \$500,000,000 with single authorization for all transactions.

(C2) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in excess of \$500,000,000*.

(C3) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$500,000,000.

(C4) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount in excess of \$100,000,000 but not to exceed \$500,000,000*.

(C5) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$100,000,000.

(C6) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$10,000,000.

(C7) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt;

certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$5,000,000.

(C8) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$1,000,000.

(C9) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$250,000.

(C10) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$50,000.

(C11) Authority to accept, endorse, execute or sign or effect the issuance of any cashiers, certified or other official check; draft; order for payment of money; check certification; receipt; certificate of deposit; money transfer wire; and internal transfers resulting in a change of beneficial ownership; in each case, in an amount up to \$5,000.

*Dual authorization is required by any combination of senior officer and/or Sector Head approved designee for non-exempt transactions. Single authorization required for exempt transactions.

(D1) Authority to accept, endorse, execute or sign any contract obligating BNY Canada for the payment of money or the provision of services in an amount up to \$1,000,000.

(D2) Authority to accept, endorse, execute or sign any contract obligating BNY Canada for the payment of money or the provision of services in an amount up to \$250,000.

(D3) Authority to accept, endorse, execute or sign any contract obligating BNY Canada for the payment of money or the provision of services in an amount up to \$50,000.

(D4) Authority to accept, endorse, execute or sign any contract obligating BNY Canada for the payment of money or the provision of services in an amount up to \$5,000.

(E) Authority to accept, endorse, execute or sign any guarantee of signature to assignments of stocks, bonds or other instruments; certification required for transfers and deliveries of stocks, bonds or other instruments; and document, instrument or paper of any type required in connection with any Individual Retirement Account or Keogh Plan or similar plan.

(F) Authority to accept, endorse, execute or sign any certificate of authentication as bond, unit investment trust or debenture trustee and on behalf of BNY Canada as registrar and transfer agent.

(G) Authority to accept, endorse, execute or sign any bankers acceptance; letter of credit; and bill of lading.

(H) Authority to accept, endorse, execute or sign any document, instrument or paper of any type required in connection with the ownership, management or transfer of real or personal property held by BNY Canada in trust or in connection with any transaction with respect to which BNY Canada is acting in any fiduciary, representative or agency capacity, including the acceptance of such fiduciary, representative or agency account.

(I1) Authority to effect the external movement of free delivery of securities and internal transfers resulting in changes of beneficial ownership.

(I2) Authority to effect the movement of securities versus payment at market or contract value.

(J) Authority to either sign on behalf of BNY Canada or to affix the seal of BNY Canada to any of the following classes of documents: Trust Indentures, Escrow Agreements, Pooling and Servicing Agreements, Collateral Agency Agreements, Custody Agreements, Trustee's Deeds, Executor's Deeds, Personal Representative's Deeds, Other Real Estate Deeds for property not owned by BNY Canada in its own right, Corporate Resolutions, Mortgage Satisfactions, Mortgage Assignments, Trust Agreements, Loan Agreements, Trust and Estate Accountings, Probate Petitions, responsive pleadings in litigated matters and Petitions in Probate Court with respect to Accountings, Contracts for providing customers with BNY Canada products or services.

(N) Individuals authorized to accept, endorse, execute or sign internal transactions only, (i.e., general ledger tickets); does not include the authority to authorize external money movements, internal money movements or internal free deliveries that result in changes of beneficial ownership.

(P1) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in excess of \$10,000,000.

(P2) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$10,000,000.

(P3) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$5,000,000.

(P4) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$1,000,000.

(P5) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$250,000.

(P6) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$100,000.

(P7) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$50,000.

(P8) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$25,000.

(P9) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$10,000.

(P10) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$5,000.

(P11) Authority to approve the payment of valid expenses as incurred to meet the obligations of BNY Canada, excluding salary and other employee directed benefit payments; in each case, in an amount up to \$3,000.

RESOLVED, that any signing authority granted pursuant to this resolution may be rescinded by the Chairman, the President, any Vice Chairman of the Board, any Senior Executive Vice President, or any Executive Vice President and such signing authority shall terminate without the necessity of any further action when the person having such authority leaves the employ of BNY Canada.

AUTHORIZATION

I, Dan T. Gosselin, the President and CEO of BNY Trust Company of Canada (the "**Company**"), acting pursuant to Sections 2.6 and 2.7 of the By-Laws of the Company, and certain resolutions of the directors of the Company (the "**Signing Authority Resolution**"), and all other powers and authorities conferred upon me, authorize the following officers and persons of the Company to have the signing authorities set out in paragraphs (B1), (F), (G), (H) and (J) of the Signing Authority Resolution, which signing authorities shall be exercised only in the performance or discharge of the duties of such individuals:

<u>Name</u>		<u>Title</u>
Manuel	Arias	Vice-President
Ismail	Bawa	Vice-President
Kevin F.	Binnie	Authorized Signing Officer
Kevin V.	Bird	Vice-President
Geralyn	Krowles	Vice-President
Farhan	Mir	Vice-President
Pierre	Tremblay	Vice-President

Further the following officers and employees of the Company shall have such signing authorities as set forth in paragraphs (C2), (F), (G), (H) and (J) of the Signing Authority Resolution, which signing authorities shall be exercised only in the performance or discharge of the duties of such individuals:

<u>Name</u>		<u>Title</u>
Joanne	Adamis	Authorized Signing Officer
Patricia T.	Benjamin	Vice-President
Timothy E.	Burke	Authorized Signing Officer
Brian	Cheng	Vice-President
Lesley M.	Daley	Authorized Signing Officer
Denice	Elleston	Vice-President
Karen L.	Ferry	Authorized Signing Officer

Monika	Guzierowicz	Vice-President
Henry G.	Hamilton	Assistant Treasurer/Trust Officer
Lucia	Jaklitsch	Authorized Signing Officer
Sameer	Khan	Vice-President
Pamela	Lively	Vice-President
Peter	Lopez	Authorized Signing Officer
Chris	McGregor	Vice-President
Joellen F.	McNamara	Authorized Signing Officer
Oluwole	Okunrinla	Vice-President
Christopher K.	Olsen	Authorized Signing Officer
Marcia A.	Redway	Vice-President
Arlene R.	Thelwell	Authorized Signing Officer
Nirosan	Vinayakamoorthy	Vice-President
Mark	Wright	Vice-President

Further the following officers and employees of the Company shall have such signing authorities as set forth in paragraphs (A), (J), and (N) of the Signing Authority Resolution, which signing authorities shall be exercised only in the performance or discharge of the duties of such individuals:

<u>Name</u>		<u>Title</u>
Ahmad	Adam	Vice-President
J. Steven	Broude	Vice-President
Wanda	Camacho	Authorized Signing Officer
Bret S.	Derman	Authorized Signing Officer
Catherine F.	Donohue	Authorized Signing Officer
Elizabeth	Stern	Authorized Signing Officer
Teresa H.	Wyszomierski	Authorized Signing Officer

Further the following officers and employees of the Company shall have such signing authorities as set forth in paragraphs (A), (C2), (J), and (N) of the Signing Authority Resolution, which signing authorities shall be exercised only in the performance or discharge of the duties of such individuals:

<u>Name</u>		<u>Title</u>
Janie K.	Choi	Authorized Signing Officer
Dan T.	Gosselin	Managing Director
Maeve	O'Brien	Authorized Signing Officer

Further the following officers and employees of the Company shall have such signing authorities as set forth in paragraph (F) of the Signing Authority Resolution, which signing authorities shall be exercised only in the performance or discharge of the duties of such individuals:

<u>Name</u>		<u>Title</u>
Katherine E.	D'arrigo	Authorized signing Officer
Jedediah E.	Dickerson	Authorized Signing Officer
Samantha A.	Hernandez	Authorized Signing Officer
David G.	Rezak	Authorized Signing Officer
Angela C.	Rubins	Authorized Signing Officer
Catherine E.	Sabatino	Authorized Signing Officer
Christine H.	Sgroi-Bunch	Authorized Signing Officer
Mary E.	Stevens	Authorized Signing Officer
Andrew J.	Thompson	Authorized Signing Officer

Further the following officers and employees of the Company shall have such signing authorities as set forth in paragraph (C2), (I1), (I2) and (N) of the Signing Authority Resolution, which signing authorities shall be exercised only in the performance or discharge of the duties of such individuals:

<u>Name</u>		<u>Title</u>
Masood	Ahmad	Associate
Jedediah E.	Dickerson	Authorized Signing Officer
Samantha A	Hernandez	Authorized Signing Officer
Andrew J.	Thompson	Authorized Signing Officer
Aby	Varughese	Senior Associate

Further the following officer and employee of the Company shall have such signing authority as set forth in paragraph (J) of the Signing Authority Resolution, which signing authority shall be exercised only in the performance or discharge of the duties of such individual:

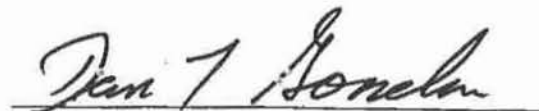
<u>Name</u>		<u>Title</u>
Brittney	Kuczynski	Vice-President

Further the following officer of the Company shall have such signing authority as set forth in paragraph (C2) of the Signing Authority Resolution, which signing authority shall be exercised only in the performance or discharge of the duties of such individual:

<u>Name</u>		<u>Title</u>
Rebecca L.	Lafave	Authorized Signing Officer

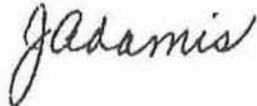
This authorization shall supercede all prior signing authorizations.

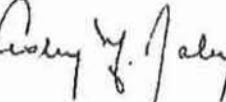
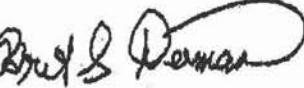
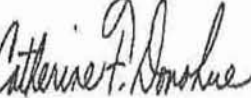
Dated this 28th day of September, 2017.

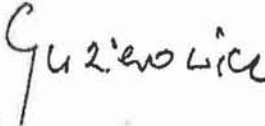
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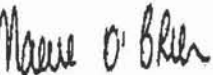
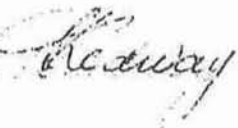
Name:	Dan T. Gosselin
Title:	Managing Director

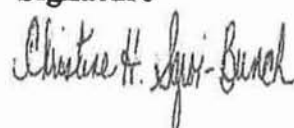
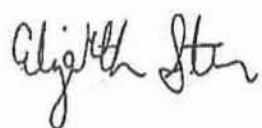
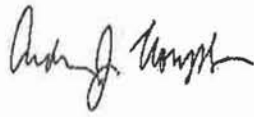
EXHIBIT "E"
INCUMBENCY

Name		Title	Signature
Ahmad	Adam	Vice-President	
Joanne	Adamis	Authorized Signing Officer	
Masood	Ahmad	Associate	
Manuel	Arias	Vice-President	
Ismail	Bawa	Vice-President	
Patricia T.	Benjamin	Vice-President	
Kevin F.	Binnie	Authorized Signing Officer	
Kevin V.	Bird	Vice-President	
J. Steven	Broude	Vice-President	
Timothy E.	Burke	Authorized Signing Officer	

Name	Title	Signature
Wanda Camacho	Authorized Signing Officer	
Brian Cheng	Vice-President	
Janie K. Choi	Authorized Signing Officer	
Katherine E. D'arrigo	Authorized Signing Officer	
Lesley M. Daley	Authorized Signing Officer	
Jedediah E. Dickerson	Authorized Signing Officer	
Bret S. Derman	Authorized Signing Officer	
Catherine F. Donohue	Authorized Signing Officer	
Denice Elleston	Vice-President	
Karen L. Ferry	Authorized Signing Officer	

Name	Title	Signature
Dan T. Gosselin	Managing Director	
Monika Guzierowicz	Vice-President	
Henry G. Hamilton	Assistant Treasurer/ Trust Officer	
Samantha A. Hernandez	Authorized Signing Officer	
Lucia Jaklitsch	Authorized Signing Officer	
Sameer Khan	Vice-President	
Geraldyn Krowles	Vice-President	
Brittney Kuczynski	Vice-President	
Rebecca L. Lafave	Authorized Signing Officer	
Pamela Lively	Vice-President	

Name	Title	Signature
Peter Lopez	Authorized Signing Officer	
Chris McGregor	Vice-President	
Joellen F. McNamara	Authorized Signing Officer	
Farhan Mir	Vice-President	
Maeve O'Brien	Authorized Signing Officer	
Oluwole Okunrinla	Vice-President	
Christopher Olsen	Authorized Signing Officer	
Marcia A. Redway	Vice-President	
David G. Rezak	Authorized Signing Officer	
Angela L. Rubins	Authorized Signing Officer	
Catherine E. Sabatino	Authorized Signing Officer	

Name		Title	Signature
Christine H.	Sgroi-Bunch	Authorized Signing Officer	
Elizabeth	Stern	Authorized Signing Officer	
Mary E.	Stevens	Authorized Signing Officer	
Arlene R.	Thelwell	Authorized Signing Officer	
Andrew J.	Thompson	Authorized Signing Officer	
Pierre	Tremblay	Authorized Signing Officer	
Aby	Varughese	Senior Associate	
Nirosan	Vinayakamoorthy	Vice-President	
Mark	Wright	Vice-President	
Teresa H.	Wyszomierski	Authorized Signing Officer	