

LIMITED LIABILITY COMPANY CERTIFICATION

Name of Limited Liability Company: _____

State of Organization: _____

Please specify one of the following:

_____ MEMBER MANAGED LLC This Company is member managed and has appointed a Designated Member whose name is _____. All other members' names are set forth below.

OR

_____ MANAGER MANAGED LLC This Company is manager managed and has appointed a Manager whose name is _____.

1. The undersigned is either a Manager or all of the Members of the Limited Liability Company whose name(s) and state of organization are set forth above.
2. The undersigned represents that the undersigned is duly authorized and empowered to execute this certification on behalf of the company.
3. The undersigned acknowledges that for the purposes of this certification the following terms have the meaning specified:
 - "Account" means an account for the execution of transaction in securities and such other services provided from time to time.
 - "Company" means the limited liability company whose name and states of organization are set forth above.
 - "Designated Member" means the member of the Company designated herein which the members of the Company have duly authorized and empowered to deal with and on behalf of the account in accordance with the representations, warranties, and certification contained therein.
 - "Organizational Documents" means the Articles of Organization, the Operating Agreement, and any other documents memorializing the decisions of, or resolutions adopted by, the members of the company.
4. The undersigned represents, warrants, and certifies that:
 - a. Any statement of purpose of the Company in any of the Organizational documents which purports to limit the activities of the Company does not restrict the authority of the Company to purchase, hold, sell, transfer assign or otherwise deal in securities of any kind.
 - b. The Organization Documents authorize and empower the Manager or the Designated Member for the account of, and on behalf of, the Company without limit to:
 - Open and maintain an Account in the name of the Company and enter into and execute agreements; and, do all things which are necessary to open and maintain such account.
 - Direct the purchase, sale, or transfer of stocks, bonds, put and call options and other securities, to borrow money secured by assets in the account (margin), and to issue such other instructions as are necessary for the operation of the account.
 - Receive notices, demands, confirmations, statements of account and communications of any kind relating to the operation of, or assets in the account.
 - Direct that the securities be transferred to another account for, or transferred into, the name of the Company or any third party, including an account for, or in the name of, of the Manger or Designated Member. In addition, to direct the funds and other assets be distributed on behalf of the Account to the Company or any third party, including any Manger or Designated Member, or an account for any of them.
 - c. Nothing in the Organizational Documents limits the authority or power of the Manager or Designated Member to manage or exercise control over or on behalf of the Account or the assets thereof.
 - d. A true and correct copy of the Articles of organization as presently filed with the Secretary of State or as otherwise required in the state of organization is attached hereto; or, has otherwise been provided.

IF MANAGER MANAGED, MANAGER MUST SIGN BELOW, OR IF MEMBER MANAGED, ALL MEMBERS MUST SIGN BELOW.

DATE X
MANAGER OR DESIGNATED MEMBER SIGNATURE

X
MEMBER SIGNATURE (If Applicable)

X
MEMBER SIGNATURE (If Applicable)

X
MEMBER SIGNATURE (If Applicable)

X
MEMBER SIGNATURE (If Applicable)