

siebert.

Corporate Resolution

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To Muriel Siebert & Co., LLC.:

The undersigned Corporation, by _____, its President, pursuant to the resolutions, a copy of which, a certified by the Secretary, is annexed hereto, hereby authorizes you to open an account in the name of said Corporation; and the undersigned represents that no one other than the undersigned has any interest in such account. The undersigned also encloses herewith your Customer Agreement and Option Agreement (if applicable) duly executed on behalf of the Corporation. This Authorization shall continue in force until revoked by the undersigned Corporation by a written notice, addressed to you and delivered at your office at:

300 Vesey Street, Suite 501 New York, NY 10282.

Dated: _____

City: _____

State: _____

Very truly yours,

(Corporation)

By: _____

(President)

I, _____, being the Secretary of _____ hereby certify that the annexed resolutions were duly adopted at a meeting of the Board of Directors of said Corporation, duly held on the ____ day of _____, _____, at which a quorum of said Board of Directors was present and acting throughout and that no action has been taken to rescind or amend said resolutions and that the same are now in full force and effect.

I further certify that each of the following has been duly elected, is legally holding the office set opposite his/her name, and has affixed his/her signature:

Name: _____	Signature	Date
Position/Title: _____		
Name: _____	Signature	Date
Position/Title: _____		
Name: _____	Signature	Date
Position/Title: _____		
Name: _____	Signature	Date
Position/Title: _____		
Name: _____	Signature	Date
Position/Title: _____		

If the Company has a seal: IN WITNESS HEREOF, the undersigned has affixed his/her signature AND the corporate seal of the corporation this ____ day of _____, ____.

If the Company has no seal: IN WITNESS HEREOF, the undersigned has affixed his/her signature this ____ day of _____, ____.

The Company has no corporate seal. (If there is no Corporate Seal, circle the L.S. below)



Secretary of the Board of Directors Signature

**IMPORTANT: Notarization required (pg.2)
with and without Corporate Seal**

(name of secretary)

personally appeared before me this

____ day of _____, _____

Secretary of, _____

(name of corporation)

and made oath that the above is a true
copy from the records of the corporation.

(Notary Public)

My commission expires on: _____

Notary Seal

Resolved:

FIRST: That the President or any Vice President of this Corporation, or _____,
or _____, be, and they hereby are, and each of them hereby is, authorized
and empowered, for and on behalf of this Corporation, to establish and maintain one or more accounts with Muriel Siebert & Co., LLC.,
(herein called the "Brokers") for the purpose of purchasing, investing in, or otherwise acquiring, selling, possessing, transferring, exchanging,
pledging, or otherwise disposing of, or turning to account of, or realizing upon, and generally dealing in and with any and all forms of securities
including, but not by way of limitation, shares, stocks, bonds, debentures, notes, scrip, participation certificates, rights to subscribe, options,
warrants, evidence of indebtedness, commercial paper, certificates of indebtedness and certificates of interest of any and every kind and nature
whatsoever, secured or unsecured, whether represented by trust, participating and/or other certificates or otherwise.

The fullest authority at all times with respect to any such commitment or with respect to any transaction deemed by any of the said officers
and/or agents to be proper in connection therewith is hereby conferred, including authority (without limiting the generality of the foregoing) to
give written or oral instructions to the Brokers with respect to said transactions; to bind and obligate the Corporation to and for the carrying out
of any contract, arrangement, or transaction, which shall be entered into by any such officer and/or agent for and on behalf of the Corporation
with or through the Brokers, to pay in cash or by checks and/or drafts drawn upon the funds of the Corporation such sums as may be necessary
in connection with any of the said accounts; to deliver securities to the Brokers; to order the transfer or delivery thereof to any other person
whatsoever, and/or to order the transfer of record of any securities, or contracts, or titles, to any name selected by any of the said officers
or agents, to affix the corporate seal to any documents or agreements, or otherwise; to endorse any securities and/or contracts in order to
pass title thereto; to direct the sale or exercise of any rights with respect to any securities; to sign for the Corporation all releases, powers of
attorney and/or other documents in connection with any such account, and to agree to any terms or conditions to control any such account;
to direct the Brokers to surrender any securities to the proper agent or party for the purpose of effecting any exchange or conversion, or for the
purpose of deposit with any protective or similar committee, or otherwise; to accept delivery of any securities and or contracts; to appoint
any other person or persons to do any and all things which any of the said officers and/or agents is hereby empowered to do, and generally
to do and take all action necessary in connection with the account, or considered desirable by such officer and/or agent with respect thereto.

SECOND: That the Brokers may deal with any and all of the persons directly or indirectly by the foregoing resolution empowered, as though
they were dealing with the Corporation directly.

THIRD: That the Secretary of the Corporation be and is hereby authorized, empowered and directed to certify, under the seal of the Corporation,
or otherwise, to the Brokers:

A) a true copy of these resolutions

B) specimen signatures of each and every person by these resolutions empowered

C) That the Corporation is duly organized and existing, that its charter empowers it to transact the business by these resolutions defined,
and that no limitation has been imposed upon such powers by the By-Laws or otherwise.

FOURTH: That the Brokers may rely upon any certification given in accordance with these resolutions, as continuing fully effective unless and
until the Brokers shall receive due written notice of a change in or the rescission of the authority so evidenced and the dispatch or receipt of
any other form of notice shall not constitute a waiver of this provision, nor shall the fact that any person hereby empowered ceases to be an
officer of the Corporation, or becomes an officer under some other title, in any way affect the powers hereby conferred. The failure to supply
any specimen signature shall not invalidate any transaction if the transaction is in accordance with the authority actually granted.