

SPECIAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That I, E. MICHAEL CASTLE, II, Vice President and Secretary of ALLTECH, INC., a Kentucky corporation, located at 3031 Catnip Hill Road, Nicholasville, Kentucky, acting in my capacity as Vice President and Secretary of said corporation, hereby make, constitute and appoint C. BRADFORD HARRIS as the true and lawful attorney to act for and on behalf of ALLTECH, INC., including any and all of its subsidiaries and affiliates ("Alltech"), for the following purposes:

To execute in his duties as Chief Legal Officer, in the name of and on behalf of Alltech, all Intellectual Property related matters, including, but not limited to, filing of Intellectual Property related documents (domestic and foreign) and execution of Assignments, Powers of Attorney for Law Firms (domestic and foreign), Engagement Letters, and any and all other Intellectual Property related documents.

This instrument is intended to, and does hereby, grant to the attorney full power and authority to do and perform each and every act and thing whatsoever requisite, necessary, and proper to be done, in the exercise of any of the rights and powers herein granted, as fully, to all intents and purposes, as I might or could do if personally present, hereby ratifying and confirming all that the attorney shall do or cause to be done by virtue thereof.

These powers and authorities shall include but not be limited to the power to execute any documents necessary and proper in the exercise of the above referenced powers and otherwise to act on behalf of Alltech with all ownership rights and other rights to be vested exclusively in Alltech, including any and all of its subsidiaries and affiliates.

This power of attorney shall not be affected by my disability as principal.

This Special Power of Attorney shall be effective as of today and shall continue in full force and effect until the end of his employment with Alltech or if this function is no longer a part of his responsibilities.

Dated this 17th day of December 2019.

Amanda L. Nunn
Witness Name: Amanda L. Nunn

Jenna A. George
Witness Name: Jenna A. George

ALLTECH, INC.

By: E. Michael Castle, II
Name: E. Michael Castle, II
Title: Vice President and Secretary

STATE OF KENTUCKY
COUNTY OF JESSAMINE

The foregoing Special Power of Attorney was subscribed, sworn to and acknowledged before me this 17th day of December 2019, by E. Michael Castle, II as Vice President and Secretary of Alltech, Inc., a Kentucky corporation, on behalf of said corporation.

My commission expires: January 26, 2022.

Pamela B. Sargent
Pamela B. Sargent, Notary Public
Kentucky, State-at-Large
Kentucky Notary ID: 592423

