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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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**PRAXAIR DISTRIBUTION, INC.**  
*Petitioner*

v.

**MALLINCKRODT HOSPITAL PRODUCTS IP LTD.,**  
*Patent Owner*

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Cases: IPR2015-00529, -00884, -00888, -00889, -00891, -00893

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**PRAXAIR DISTRIBUTION, INC.'S POWER OF ATTORNEY**

IPR2015-00529, -00884, -00888, -00889, -00891, -00893

In addition to the individuals associated with Praxair Distribution, Inc.'s Power of Attorney documents filed previously in IPR2015-00529, -00884, -00888, -00889, -00891, and -00893, I also hereby appoint the following individuals as counsel to prosecute, and to transact all business in the United States Patent and Trademark Office connected therewith.

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IPR2015-00529

U.S. Patent No. 8,846,112

The individual signing below has the authority to execute this document on behalf of Petitioner Praxair Distribution, Inc.

Date: March 11, 2016

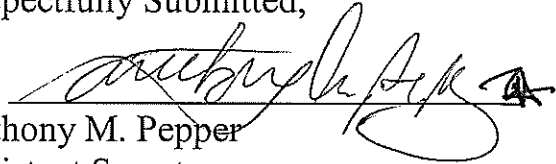
Respectfully Submitted,

By:

Anthony M. Pepper

Assistant Secretary

Praxair Distribution Inc.

A handwritten signature in black ink, appearing to read 'Anthony M. Pepper', is written over a horizontal line. The signature is stylized and includes a large loop at the end.

**Certification of Service Under 37 C.F.R. § 42.6(e)(4)**

A copy of this Power of Attorney has been served to counsel for the Patent Owner at the following email addresses on this 11th day of March, 2016:

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