

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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**AIR LIQUIDE LARGE INDUSTRIES U.S. LP**  
**Petitioner**

**v.**

**PRAXAIR TECHNOLOGY, INC.**  
**Patent Owner**

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Case No. IPR2015-01073  
U.S. Patent No. 7,078,011 B2

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Before WILLIAM V. SAINDON, CHRISTOPHER L. CRUMBLEY, and  
JEFFREY W. ABRAHAM, *Administrative Patent Judges*

**PETITIONER AIR LIQUIDE'S NOTICE OF APPEAL**

Pursuant to 37 C.F.R. § 90.2(a), notice is hereby given that Petitioner Air Liquide Large Industries U.S. LP (“Air Liquide”) appeals to the United States Court of Appeals for the Federal Circuit from the Final Written Decision entered on October 25, 2016 (Paper 27), and from all underlying orders, decisions, rulings, and opinions.

In accordance with 37 C.F.R. § 90.2(a)(3)(ii), Air Liquide further indicates that the issues on appeal include, but are not limited to, the following: the Patent Trial and Appeal Board’s (PTAB) determination that Petitioner Air Liquide failed to prove by a preponderance of the evidence that claims 1–3, 7, and 8 of U.S. Patent No. 7,078,011 B2 are unpatentable.

Simultaneous with this submission, a copy of this Notice of Appeal is being filed with the PTAB through the Patent Trial and Appeal Board End to End (PTAB E2E) System. In addition, a copy of the Notice of Appeal, along with the required docketing fee, are being filed with the Clerk’s office for the United States Court of Appeals for the Federal Circuit.

Dated: December 23, 2016

Respectfully submitted,

/Nathan J. Rees/

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**Certificate of Filing**

It is certified that, in addition to being filed electronically through the PTAB E2E System, the original version of Petitioner Air Liquide's Notice of Appeal has been filed by priority mail on December 23, 2016, with the Director of the United States Patent and Trademark Office, at the following address:

Director of the United States Patent and Trademark Office  
 c/o Office of the General Counsel  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

**Certificate of Filing**

It is certified that a true and correct copy of Petitioner Air Liquide's Notice of Appeal has been filed via CM/ECF on December 23, 2016, with the Clerk's Office of the United States Court of Appeals for the Federal Circuit.

**Certificate of Service**

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on December 23, 2016, a complete copy of Petitioner Air Liquide's Notice of Appeal was electronically served on the Patent Owner listed below. Patent Owner has consented to electronic service by email to Petitioner on November 18, 2015.

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