

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

E. I. DU PONT DE NEMOURS AND COMPANY and
ARCHER-DANIELS-MIDLAND COMPANY,
Petitioners,

v.

FURANIX TECHNOLOGIES B.V.,
Patent Owner

Case IPR2015-01838
Patent 8,865,921

PATENT OWNER'S EXHIBIT LIST 4

Pursuant to 37 C.F.R. § 42.63(e), Patent Owner submits the following current exhibit list.

| Exhibit # | Description |
|------------------|--|
| 2001 | Declaration of Mark A. Chapman |
| 2002 | Declaration of Michael W. Glynn |
| 2003 | Declaration of Wayne P. Schammel, Ph.D. |
| 2004 | U.S. Patent Application Publication No. 2015/0183755 |
| 2005 | Top Value Added Chemicals from Biomass, U.S. Dept. of Energy (August 2004) |
| 2006 | Boisen et al. "Process integration for the conversion of glucose to 2,5-furandicarboxylic acid" Chemical Engineering Research and Design 87 (2009) 1318-1327 |
| 2007 | Declaration of Gert-Jan Gruter, Ph.D. |
| 2008 | Curriculum Vitae of Gert-Jan Gruter, Ph.D. |
| 2009 | Electronic Notebook OxE-081 |
| 2010 | van de Beek Lab Journal OxE-081 |
| 2011 | HPLC equipment logbook |
| 2012 | de Diego HMF/AMF slides |
| 2013 | de Diego '841/5-MF/DMF slides |
| 2014 | Lab Journal AM1630, dated May 3, 2016 |

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| 2015 | Lab Journal AM1633, dated May 9, 2016 |
| 2016 | Electronic Notebook OxE-073 |
| 2017 | van de Beek Lab Journal OxE-073 |
| 2018 | Amazon – Monomers Slides, June 2009 “the 2009 Degradation Slides” |
| 2019 | Curriculum Vitae of Wayne P. Schammel, Ph.D. |
| 2020 | Transcript of the Deposition of Wayne P. Schammel, Ph.D., conducted August 11, 2016 |
| 2021 | A. Riisager et al. “Gold-Catalyzed Aerobic Oxidation of 5-Hydroxymethyl-furfural in Water at Ambient Temperature” ChemSusChem 2009, 2, 672-675 |
| 2022 | International Publication No. WO 2015/005942 A1 |
| 2023 | U.S. Patent No. 4,338,462 |

Dated: October 14, 2016

Respectfully submitted,

/ Paul M. Richter, Jr. /
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CERTIFICATION OF SERVICE

The undersigned hereby certifies that the foregoing “PATENT OWNER’S EXHIBIT LIST 4” and Exhibits 2021-2023 were served electronically via email as follows:

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