

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ARKEMA FRANCE,

Petitioner,

v.

HONEYWELL INTERNATIONAL, INC.,

Patent Owner.

IPR No. IPR2015-00916

U.S. Patent No. 8,710,282

DECLARATION OF JOSHUA E. NEY

I, Joshua E. Ney, hereby declare under penalty of perjury:

1. I am an attorney with the law firm of Brinks, Gilson & Lione (“BGL”). I have worked at BGL since 2010.
2. I provide this Declaration in connection with the Petition for *Inter Partes* Review (“IPR”) of U.S. Patent No. 8,710,282 (the ’282 patent”), Case No. IPR2015-00916. The facts stated in this Declaration are based on my personal knowledge.
3. Exhibit 1001 is a true and correct copy of issued U.S. Patent No. 8,710,282, listing Bektesevic, *et al.* as inventors, which was retrieved online. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
4. Exhibit 1002 is a true and correct copy of the Declaration of Leo E. Manzer, Ph.D. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
5. Exhibit 1003 is a true and correct copy of International Publication No. WO 2009/138764 A1, listing Smith, *et al.* as inventors, which was retrieved online. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
6. Exhibit 1004 is a true and correct copy of Japanese Publication No. S59-70626, listing Masayuki, *et al.* as inventors, which was retrieved online. Page

numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

7. Exhibit 1005 is a true and correct copy of a Certified Translation of Exhibit 1004, the Masayuki publication, prepared by RWS Group Ltd., and the Declaration of Jonathan Kent attesting to the accuracy of the translation. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

8. Exhibit 1006 is a true and correct copy of U.S. Patent No. 4,414,185, listing Harrison as inventor, which was retrieved online. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

9. Exhibit 1007 is a true and correct copy of the title page, Forward, and Table of Contents, and pages 241-264 of Chapter 2100 of the Manual of Patent Examining Procedure (Original Ninth Edition, March 2014), which was downloaded from the website of the United States Patent & Trademark Office. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

10. Exhibit 1008 is a true and correct scanned copy of L. Knunyants et al., *Reactions of Fluoro Olefins*, 9 Bulletin of the Academy of Sciences of the USSR

1312-17 (1960). Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

11. Exhibit 1009 is a true and correct copy of U.S. Publication No. 2009/0278075 A1, listing Mahler *et al.* as inventor, which was retrieved online. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

12. Exhibit 1010 is a true and correct copy of International Publication No. WO 2007/056194 A1, listing Mukhopadhyay *et al.* as inventor, which was retrieved online. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

13. Exhibit 1011 is a true and correct copy of U.S. Provisional Application No. 61/392,242, filed by Bektsevic *et al.*, which was downloaded from the U.S. Patent & Trademark Office's Patent Application Information Retrieval (PAIR) System. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

14. Exhibit 1012 is a true and correct copy of U.S. Provisional Application No. 61/036,526, filed by Chiu *et al.*, which was downloaded from the U.S. Patent & Trademark Office's Patent Application Information Retrieval (PAIR) System. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

15. Exhibit 1013 is a true and correct copy of U.S. Patent Application No. 12/402,372, filed by Chiu *et al.*, which was downloaded from the U.S. Patent & Trademark Office's Patent Application Information Retrieval (PAIR) System. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

16. Exhibit 1014 is a true and correct copy of U.S. Patent Application No. 13/195,429, filed by Chiu *et al.*, which was downloaded from the U.S. Patent & Trademark Office's Patent Application Information Retrieval (PAIR) System. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

17. Exhibit 1015 is a true and correct copy of the File History of U.S. Patent No. 8,710,282, listing Bektsevic, *et al.* as inventors, which was downloaded from the U.S. Patent & Trademark Office's Patent Application Information Retrieval (PAIR) System. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

18. Exhibit 1016 is a true and correct scanned copy of the title page, copyright page, and pages 116-135 of J. M. Douglas, *Conceptual Design of Chemical Processes*" (1988). Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

19. Exhibit 1017 is a true and correct copy of the Declaration of Brian Durrance. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

I declare under penalty of perjury that the foregoing is true and correct.

Date: April 20, 2015

A handwritten signature in blue ink that reads "Joshua E. Ney". The signature is written in a cursive style with a horizontal line underneath it.

Joshua E. Ney