

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2910709

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADAM CHOJECKI	02/19/2013
JOOST DEPICKER	02/19/2013
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<b>City:</b>	TERNEUZEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	4530 AA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14359527
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<b>DATE SIGNED:</b>	06/24/2014
<b>Total Attachments: 2</b>	
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8560 8561 8562 8563 8564 8565 8566 8567 8568 8569 8570 8571 8572 8573 8574 8575 8576 8577 8578 8579 8580 8581 8582 8583 8584 8585 8586 8587 8588 8589 8590 8591 8592 8593 8594 8595 8596 8597 8598 8599 8600 8601 8602 8603 8604 8605 8606 8607 8608 8609 8610 8611 8612 8613 8614 8615 8616 8617 8618 8619 8620 8621 8622 8623 8624 8625 8626 8627 8628 8629 8630 8631 8632 8633 8634 8635 8636 8637 8638 8639 8640 8641 8642 8643 8644 8645 8646 8647 8648 8649 8650 8651 8652 8653 8654 8655 8656 8657 8658 8659 8660 8661 8662 8663 8664 8665 8666 8667 8668 8669 8670 8671 8672 8673 8674 8675 8676 8677 8678 8679 8680 8681 8682 8683 8684 8685 8686 8687 8688 8689 8690 8691 8692 8693 8694 8695 8696 8697 8698 8699 8700 8701 8702 8703 8704 8705 8706 8707 8708 8709 8710 8711 8712 8713 8714 8715 8716 8717 8718 8719 8720 8721 8722 8723 8724 8725 8726 8727 8728 8729 8730 8731 8732 8733 8734 8735 8736 8737 8738 8739 8740 8741 8742 8743 8744 8745 8746 8747 8748 8749 8750 8751 8752 8753 8754 8755 8756 8757 8758 8759 8760 8761 8762 8763 8764 8765 8766 8767 8768 8769 8770 8771 8772 8773 8774 8775 8776 8777 8778 8779 8780 8781 8782 8783 8784 8785 8786 8787 8788 8789 8790 8791 8792 8793 8794 8795 8796 8797 8798 8799 8800 8801 8802 8803 8804 8805 8806 8807 8808 8809 8810 8811 8812 8813 8814 8815 8816 8817 8818 8819 8820 8821 8822 8823 8824 8825 8826 8827 8828 8829 8830 8831 8832 8833 8834 8835 8836 8837 8838 8839 8840 8841 8842 8843 8844 8845 8846 8847 8848 8849 8850 8851 8852 8853 8854 8855 8856 8857 8858 8859 8860 8861 8862 8863 8864 8865 8866 8867 8868 8869 8870 8871 8872 8873 8874 8875 8876 8877 8878 8879 8880 8881 8882 8883 8884 8885 8886 8887 8888 8889 8890 8891 8892 8893 8894 8895 8896 8897 8898 8899 8900 8901 8902 8903 8904 8905 8906 8907 8908 8909 8910 8911 8912 8913 8914 8915 8916 8917 8918 8919 8920 8921 8922 8923 8924 8925 8926 8927 8928 8929 8930 8931 8932 8933 8934 8935 8936 8937 8938 8939 8940 8941 8942 8943 8944 8945 8946 8947 8948 8949 8950 8951 8952 8953 8954 8955 8956 8957 8958 8959 8960 8961 8962 8963 8964 8965 8966 8967 8968 8969 8970 8971 8972 8973 8974 8975 8976 8977 8978 8979 8980 8981 8982 8983 8984 8985 8986 8987 8988 8989 8990 8991 8992 8993 8994 8995 8996 8997 8998 8999 9000

This Assignace Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

## REEL: 033163 FRAME: 0645

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This Assignment ID is in the ENG101 language and has the same meaning in other languages with the same ID number and 8/20

FORM 110 (8-5-97)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: CATALYSTS AND METHODS FOR ALCOHOL DEHYDRATION

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Benelux B.V.  
Herbert H. Dowweg 5  
4542 NM Hoek, Postbus 48  
4530 AA Terneuzen  
NETHERLANDS

a corporation organized and existing under the laws of Netherlands (hereinafter referred to as the "Assignee"): my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/577,749	December 20, 2011	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recording of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Ternouwen, Netherlands  
 this 19 day of February, 2013  
 Effective as of November 20, 2012

Signature: Adam Chojecki  
 Full Name: Adam Chojecki  
 Residence: Poelsneppstraat 7 Bus 202  
 Gent 9000  
 Country: Belgium  
 Citizenship: Poland  
 P.O. Address: Same as Residence.  
 Employed By: Dow Benelux B.V.  
 Of Country: Netherlands

At: Toronto  
this 19 day of February, 20 13  
Effective as of November 20, 2012  
Signature: Joost Depicker  
Full Name: Joost Depicker  
Residence: Kerkstraat 37  
Wachtebeke 9185  
Country: Belgium  
Citizenship: Belgium  
P.O. Address: Same as Residence  
Employed By: Dow Benelux B.V.  
Of Country: Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

☐ Additional names and signatures are attached.