

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dow Deutschland GMBH & CO. OHG	02/14/2011
RECEIVING PARTY DATA	
Name:	The Dow Chemical Company
Street Address:	2030 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13017645
CORRESPONDENCE DATA	
Fax Number:	(989)636-3237
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	9896361555
Email:	ajlanphierd@dow.com
Correspondent Name:	Amy J Lanphierd
Address Line 1:	2040 Dow Center
Address Line 4:	Midland, MICHIGAN 48674
ATTORNEY DOCKET NUMBER:	63802D US DIV1
NAME OF SUBMITTER:	Amy J Lanphierd
Total Attachments: 4 source=63802D US DIV1 20110621 JRP Dow Deutschland to TDCC#page1.tif source=63802D US DIV1 20110621 JRP Dow Deutschland to TDCC#page2.tif source=63802D US DIV1 20110621 JRP Dow Deutschland to TDCC#page3.tif source=63802D US DIV1 20110621 JRP Dow Deutschland to TDCC#page4.tif	

CH \$40.00 13017645

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PATENT
REEL: 026470 FRAME: 0704

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

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FORM 440

ASSIGNMENT

(with Priority Rights)

and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **DOW DEUTSCHLAND GMBH & CO. OHG**
Buetzflethersand
21677 Stade - Buetzfleth
GERMANY

a corporation **incorporated under the laws of Germany** do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Ralf Fitschen, Stralsunder Str. 6, 21680 Stade, Germany

by an Assignment dated: **July 2, 2007** of an invention relating to and entitled:

**BATCH, SEMI-CONTINUOUS OR CONTINUOUS HYDROCHLORINATION OF
 GLYCERIN WITH REDUCED VOLATILE CHLORINATED HYDROCARBON BY-
 PRODUCTS AND CHLOROACETONE LEVELS**

We do hereby declare, for good and valuable consideration
 assign, and transfer unto:

received, sell,

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

a corporation organized and existing under the laws of **the State of Delaware, United States of America** our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number **11/710,002** and Filing Date **February 22, 2007**

in **United States of America**

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the

Corresponding Application No. _____ and Filing Date _____

in _____ of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that 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 Sworn by us at **Midland, Michigan 48674, U.S.A.**

this **14** day of **February**, 20**11**

CORP
SEAL

DOW DEUTSCHLAND GMBH & CO. OHG

By: *Michael L. Glenn*

MICHAEL L. GLENN

Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the English language and has the same meaning in other languages with the same 550 number

This Notarial Certificate 550 is in the English language and has the same meaning in other languages with the same 550 number

FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
 STATE OF Michigan) SS
 County/Parish of Midland)

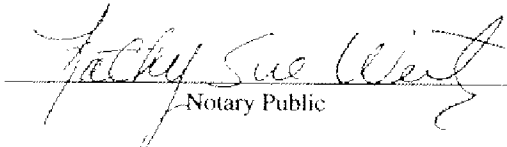
On this 14 day of February, 2011, personally appeared
 before me, **MICHAEL L. GLENN, Authorized Representative**,
 known or identified to me to be the individual described in and who executed the foregoing document
 and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority
 of the said Corporation incorporated under the laws of **Germany**.

I further certify that said authority, dated **June 30, 2004**, is based on

a Power of Attorney

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the
 foregoing document on behalf of the said corporation and that the purposes for which said document is
 granted are within the scope of the objects or activities of said corporation.

SEAL


 Notary Public

Kathy Sue Wertz
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
 MY COMMISSION EXPIRES APRIL 07, 2012

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: February 14, 2011

From, the ASSIGNOR: **DOW DEUTSCHLAND GMBH & CO. OHG**
Buetzflethersand
21677 Stade - Buetzfleth
GERMANY

of the invention entitled:

**BATCH, SEMI-CONTINUOUS OR CONTINUOUS HYDROCHLORINATION OF
GLYCERIN WITH REDUCED VOLATILE CHLORINATED HYDROCARBON BY-
PRODUCTS AND CHLOROACETONE LEVELS**

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, U.S.A.

this 14 day of February, 20 11

THE DOW CHEMICAL COMPANY

CORP.
SEAL

By: Michael L. Glenn
MICHAEL L. GLENN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF Michigan) SS
County/Parish of Midland)

On this 14 day of February, 20 11, personally appeared
before me, **MICHAEL L. GLENN, Authorized Representative**,
known or identified to me to be the individual described in and who executed the foregoing document
and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority
of the said Corporation incorporated under the laws of **the State of Delaware, United States of
America.**

I further certify that said authority, dated **February 9, 2006**, is based on

A Resolution of the Board of Directors of the said Corporation

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the
foregoing document on behalf of the said corporation and that the purposes for which said document is
granted are within the scope of the objects or activities of said corporation.

SEAL

Kathy Sue Wertz

Kathy Sue Wertz
Notary Public
Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

• 660 • 661 • 662 • 663 • 664 • 665 • 666 • 667 • 668 • 669 • 670 • 671 • 672 • 673 • 674 • 675 • 676 • 677 • 678 • 679 • 680 • 681 • 682 • 683 • 684 • 685 • 686 • 687 • 688 • 689 • 690 • 691 • 692 • 693 • 694 • 695 • 696 • 697 • 698 • 699 • 700 • 701 • 702 • 703 • 704 • 705 • 706 • 707 • 708 • 709 • 710 • 711 • 712 • 713 • 714 • 715 • 716 • 717 • 718 • 719 • 720 • 721 • 722 • 723 • 724 • 725 • 726 • 727 • 728 • 729 • 730 • 731 • 732 • 733 • 734 • 735 • 736 • 737 • 738 • 739 • 740 • 741 • 742 • 743 • 744 • 745 • 746 • 747 • 748 • 749 • 750 • 751 • 752 • 753 • 754 • 755 • 756 • 757 • 758 • 759 • 760 • 761 • 762 • 763 • 764 • 765 • 766 • 767 • 768 • 769 • 770 • 771 • 772 • 773 • 774 • 775 • 776 • 777 • 778 • 779 • 780 • 781 • 782 • 783 • 784 • 785 • 786 • 787 • 788 • 789 • 790 • 791 • 792 • 793 • 794 • 795 • 796 • 797 • 798 • 799 • 800 • 801 • 802 • 803 • 804 • 805 • 806 • 807 • 808 • 809 • 810 • 811 • 812 • 813 • 814 • 815 • 816 • 817 • 818 • 819 • 820 • 821 • 822 • 823 • 824 • 825 • 826 • 827 • 828 • 829 • 830 • 831 • 832 • 833 • 834 • 835 • 836 • 837 • 838 • 839 • 840 • 841 • 842 • 843 • 844 • 845 • 846 • 847 • 848 • 849 • 850 • 851 • 852 • 853 • 854 • 855 • 856 • 857 • 858 • 859 • 860 • 861 • 862 • 863 • 864 • 865 • 866 • 867 • 868 • 869 • 870 • 871 • 872 • 873 • 874 • 875 • 876 • 877 • 878 • 879 • 880 • 881 • 882 • 883 • 884 • 885 • 886 • 887 • 888 • 889 • 890 • 891 • 892 • 893 • 894 • 895 • 896 • 897 • 898 • 899 • 900 • 901 • 902 • 903 • 904 • 905 • 906 • 907 • 908 • 909 • 910 • 911 • 912 • 913 • 914 • 915 • 916 • 917 • 918 • 919 • 920 • 921 • 922 • 923 • 924 • 925 • 926 • 927 • 928 • 929 • 930 • 931 • 932 • 933 • 934 • 935 • 936 • 937 • 938 • 939 • 940 • 941 • 942 • 943 • 944 • 945 • 946 • 947 • 948 • 949 • 950 • 951 • 952 • 953 • 954 • 955 • 956 • 957 • 958 • 959 • 960 • 961 • 962 • 963 • 964 • 965 • 966 • 967 • 968 • 969 • 970 • 971 • 972 • 973 • 974 • 975 • 976 • 977 • 978 • 979 • 980 • 981 • 982 • 983 • 984 • 985 • 986 • 987 • 988 • 989 • 990 • 991 • 992 • 993 • 994 • 995 • 996 • 997 • 998 • 999 • 1000 •

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

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: **July 24, 2007; July 26, 2007; August 1, 2007; August 6, 2007; August 8, 2007; August 9, 2007; September 15, 2007**

From, the ASSIGNOR: **William J. Kruper, Jr., 230 Barden Road, Sanford, Michigan 48657, USA; Tina Arrowood, 2080 N. Lewis Road, Coleman, Michigan 48618, USA; Bruce M. Bell, 401 Saginaw, Higgins Lake, Michigan 48627, USA; John Briggs, 1715 Sylvan Lane, Midland, Michigan 48640, USA; Robert M. Campbell, 2801 Saint Marys Drive, Midland, Michigan 48640, USA; Bruce D. Hook, 107 Banyan Drive, Lake Jackson, Texas 77566, USA; Anh Nguyen, 314 Juniper, Lake Jackson, Texas 77566, USA; Curt Theriault, 4282 South Schreiber Road, Hemlock, Michigan 48626, USA**

of the invention entitled:

BATCH, SEMI-CONTINUOUS OR CONTINUOUS HYDROCHLORINATION OF GLYCERIN WITH REDUCED VOLATILE CHLORINATED HYDROCARBON BY-PRODUCTS AND CHLOROACETONE LEVELS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 14 day of February, 2011

CORP.
SEAL

THE DOW CHEMICAL COMPANY

By: Michael L. Glenn
MICHAEL L. GLENN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF Michigan) SS
County/Parish of Midland)

On this 14 day of February, 2011, personally appeared
before me, **MICHAEL L. GLENN, Authorized Representative,**

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of **the State of Delaware, United States of America.**

I further certify that said authority, dated **February 9, 2006**, is based on

an authorization Policy of the said Corporation,

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Kathy Sue Wertz

Kathy Sue Wertz
Notary Public

Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

PATENT