

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4012056

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
DEUTSCHE BANK AG, NEW YORK BRANCH	07/15/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	CELANESE INTERNATIONAL CORPORATION
<b>Street Address:</b>	222 W. LAS COLINAS BLVD.
<b>Internal Address:</b>	SUITE 900N
<b>City:</b>	IRVING
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75039

**PROPERTY NUMBERS Total: 58**

Property Type	Number
Patent Number:	7005541
Patent Number:	7491839
Patent Number:	7223883
Patent Number:	7271293
Patent Number:	7223886
Patent Number:	6765110
Patent Number:	6286402
Patent Number:	6753170
Patent Number:	7115772
Patent Number:	5691267
Patent Number:	5693586
Patent Number:	5700753
Patent Number:	5705679
Patent Number:	5731457
Patent Number:	5783731
Patent Number:	5854171
Patent Number:	5859287
Patent Number:	5898087
Patent Number:	5948724

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	5948943
<b>Patent Number:</b>	5968869
<b>Patent Number:</b>	6013834
<b>Patent Number:</b>	6015769
<b>Patent Number:</b>	6017847
<b>Patent Number:</b>	6034030
<b>Patent Number:</b>	6045332
<b>Patent Number:</b>	6057260
<b>Patent Number:</b>	6072078
<b>Patent Number:</b>	6096905
<b>Patent Number:</b>	6107514
<b>Patent Number:</b>	6110998
<b>Patent Number:</b>	6121497
<b>Patent Number:</b>	6143930
<b>Patent Number:</b>	6211405
<b>Patent Number:</b>	6211408
<b>Patent Number:</b>	6225498
<b>Patent Number:</b>	6251256
<b>Patent Number:</b>	6274531
<b>Patent Number:</b>	6299736
<b>Patent Number:</b>	6303537
<b>Patent Number:</b>	6303813
<b>Patent Number:</b>	6316679
<b>Patent Number:</b>	6323364
<b>Patent Number:</b>	6339171
<b>Patent Number:</b>	6410817
<b>Patent Number:</b>	6441076
<b>Patent Number:</b>	6444842
<b>Patent Number:</b>	6458995
<b>Patent Number:</b>	6485609
<b>Patent Number:</b>	6486093
<b>Patent Number:</b>	6593491
<b>Patent Number:</b>	6599348
<b>Patent Number:</b>	6627770
<b>Patent Number:</b>	6667418
<b>Patent Number:</b>	6677480
<b>Patent Number:</b>	6368819
<b>Patent Number:</b>	7208624

Property Type	Number
Patent Number:	6350900
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NAME OF SUBMITTER:	JEAN PATERSON
SIGNATURE:	/jep/
DATE SIGNED:	08/18/2016
<b>Total Attachments: 6</b>	
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## RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release"), dated as of July 15, 2016 (the "Effective Date"), is made by Deutsche Bank AG, New York Branch, in its capacity as Collateral Agent (the "Agent"), in favor of the grantor party identified on the signature page hereto (the "Grantor").

WHEREAS, pursuant to that certain Guarantee and Collateral Agreement, dated as of April 5, 2004, by and among the Agent, the Grantor and certain other parties thereto (as amended, amended and restated, or otherwise modified from time to time, the "Security Agreement"), the Grantor granted to the Agent, in its capacity as Collateral Agent, a security interest in the patents and patent applications set forth on Schedule A attached hereto (the "Patents") and all proceeds thereof, all rights corresponding thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, and the recordings and applications therefor (together with the Patents, the "Patent Collateral");

WHEREAS, pursuant to the Security Agreement, the Grantor executed and delivered a Patent Security Agreement, dated as of April 5, 2004 (the "Patent Security Agreement"), for recordal with the United States Patent and Trademark Office;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 6, 2004 at Reel/Frame 14609/0519;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Patent Security Agreement, as applicable.
2. Release. The Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its security interest in and to Patent Collateral, including the patents and patent applications set forth Schedule A attached hereto, arising under the Security Agreement and the Patent Security Agreement. If and to the extent that the Agent has acquired any right, title or interest in and to the Patent Collateral under the Patent Security Agreement, the Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the Grantor.
3. Termination. The Agent, without representation or warranty of any kind, terminates and cancels the Patent Security Agreement.
4. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor, at the Grantor's sole cost and expense, to more fully and effectively effectuate the purposes of this Release.
5. Governing Law. This Release shall be governed exclusively under the laws of New York, without regard to conflicts of law or choice of law principles.

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

**DEUTSCHE BANK AG, NEW YORK  
BRANCH, acting in its capacity as Collateral  
Agent for the Lenders**

By: \_\_\_\_\_

Name:

Title:



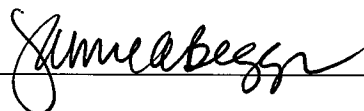
**Marcus M. Tarkington  
Director**



**Dusan Lazarov  
Director**

**GRANTORS:**

**CELANESE INTERNATIONAL  
CORPORATION**

By:  \_\_\_\_\_

Name: Jamie A. Beggs

Title: Vice President and Treasurer

## Schedule A

### Patent Collateral

	Assignee	Patent Title	Patent No.
1.	Celanese International Corporation	Low Water Methanol Carbonylation Process For High Acetic Acid Production And For Water Balance Control	7005541
2.	Celanese International Corporation	Processes For Preparing Organic Compounds Having Improved Color Characteristics	7491839
3.	Celanese International Corporation	Removal Of Permanganate Reducing Compounds From Methanol Carbonylation Process Stream	7223883
4.	Celanese International Corporation	Control Method For Process Of Removing Permanganate Reducing Compounds From Methanol Carbonylation Process	7271293
5.	Celanese International Corporation	Process For Producing Acetic Acid	7208624
6.	Celanese International Corporation	Removal Of Permanganate Reducing Compounds From Methanol Carbonylation Process Stream	7223886
7.	Celanese International Corporation	Process For The Simultaneous Coproduction And Purification Of Ethyl Acetate And Isopropyl Acetate	6765110
8.	Celanese International Corporation	Multi-spindle CNC lathe	6286402
9.	Celanese International Corporation	Microbial Process, And Improved Solvents Useful In The Conversion Of Gases Into Useful Products	6753170
10.	Celanese International Corporation	Integrated process for producing carbonylation acetic acid, acetic anhydride, or coproduction of each from a methyl acetate by-product stream	7115772
11.	Celanese International Corporation	Two Step Gold Addition Method For Preparing A Vinyl Acetate Catalyst	5691267
12.	Celanese International Corporation	Palladium-Gold Catalyst For Vinyl Acetate Production	5693586
13.	Celanese International Corporation	Heterogeneous Bimetallic Palladium-Gold Catalyst For Vinyl Acetate Production	5700753
14.	Celanese International Corporation	Honeycomb Catalyst For Vinyl Acetate Synthesis	5705679
15.	Celanese International Corporation	Vinyl Acetate Process Utilizing A Palladium-Gold-Copper Catalyst	5731457
16.	Celanese International Corporation	Removal Of Carbonyl Impurities From A Carbonylation Process Stream	5783731
17.	Celanese International Corporation	Honeycomb Catalyst For Vinyl Acetate Synthesis	5854171
18.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Palladium, Gold, And Any Of Certain Third Metals	5859287
19.	Celanese International Corporation	Addition Of Amine To Improve Paraformaldehyde	5898087

	<b>Assignee</b>	<b>Patent Title</b>	<b>Patent No.</b>
20.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Metallic Palladium And Gold And Cupric Acetate	5948724
21.	Celanese International Corporation	Process Improvement To Produce Low Color Trimethylolpropane	5948943
22.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Palladium And Gold Deposited On A Copper Containing Carrier	5968869
23.	Celanese International Corporation	Production Of Vinyl Acetate In A Catalytic Reactor Equipped With Filter And Distribution Bed	6013834
24.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Metallic Palladium Gold And Copper Supported A Carrier And Prepared With Potassium Aurate	6015769
25.	Celanese International Corporation	Vinyl Acetate Catalyst Prepared With Potassium Aurate And Comprising Metallic Palladium And Gold On A Carrier Precoated With Copper	6017847
26.	Celanese International Corporation	Vinyl Acetate Catalyst Preparation Method	6034030
27.	Celanese International Corporation	Control System For Multi-Pump Operation	6045332
28.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Palladium, Gold, Copper And Any Of Certain Fourth Metals	6057260
29.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Palladium, Gold, Copper And Any Of Certain Fourth Metals	6072078
30.	Celanese International Corporation	Treatment Of A Composition Comprising A Trimethylolalkane Bis-Monolinear Formal	6096905
31.	Celanese International Corporation	Vinyl Acetate Production Using A Catalyst Comprising Palladium And Gold Deposited On A Copper Containing Carrier	6107514
32.	Celanese International Corporation	Latex Compositions Containing A Trimethylolalkane Monocyclic Formal As A Coalescing Solvent	6110998
33.	Celanese International Corporation	Process Of Recovering Methyl Ethyl Ketone From An Aqueous Mixture Of Methyl Ethyl Ketone And Ethanol	6121497
34.	Celanese International Corporation	Removal Of Permanganate Reducing Compounds And Alkyl Iodides From A Carbonylation Process Stream	6143930
35.	Celanese International Corporation	Addition Of Iridium To The Rhodium/Inorganic Iodide Catalyst System	6211405
36.	Celanese International Corporation	Method Of Removing Iodides From Non-Aqueous Organic Media Utilizing Silver Or Mercury Exchanged Macroporous Organofunctional Polysiloxane Resins	6211408
37.	Celanese International Corporation	Method of removing organic iodides from organic media	6225498
38.	Celanese International Corporation	Process For Electrochemical Oxidation Of An Aldehyde To An Ester	6251256
39.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Metallic Palladium And Gold, And Cupric Acetate	6274531



	<b>Assignee</b>	<b>Patent Title</b>	<b>Patent No.</b>
40.	Celanese International Corporation	Process For Recovering Gamma-Butyrolactone From A Mixture Of Heavy Organics	6299736
41.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Metallic Palladium And Gold And Prepared Utilizing Sonication	6303537
42.	Celanese International Corporation	Rhodium/Inorganic Iodide Catalyst System For Methanol Carbonylation Process With Improved Impurity Profile	6303813
43.	Celanese International Corporation	Treatment of a composition comprising a trimethylolalkane bis-monolinear formal	6316679
44.	Celanese International Corporation	Rhodium/Inorganic Iodide Catalyst System For Methanol Carbonylation Process With Improved Impurity Profile	6323364
45.	Celanese International Corporation	Removal Or Reduction Of Permanganate Reducing Compounds And Alkyl Iodides From A Carbonylation Process Stream	6339171
46.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Metallic Palladium And Gold Prepared With Potassium Aurate	6350900
47.	Celanese International Corporation	Ethylene Recovery System	6410817
48.	Celanese International Corporation	Multifunctional Poly(Vinyl Alcohol) Binder For Fine Particle Size Calcium Carbonate Pigment	6441076
49.	Celanese International Corporation	Continuous Process For The Production Of Carboxylic Acid Esters Of Alkylene Glycol Monoalkyl Ethers	6444842
50.	Celanese International Corporation	Catalytic Composition For Carbonylation Including Iridium And Pyridine Polymers	6458995
51.	Celanese International Corporation	Ink Jet Printing Paper Incorporating Amine Functional Poly(Vinyl Alcohol)	6485609
52.	Celanese International Corporation	Vinyl Acetate Catalyst Comprising Metallic Palladium And Gold Prepared With Potassium Aurate	6486093
53.	Celanese International Corporation	Production Of Tertiary Butyl Acetate	6593491
54.	Celanese International Corporation	Methods For Reducing Entrainment Of Solids And Liquids	6599348
55.	Celanese International Corporation	Method And Apparatus For Sequestering Entrained And Volatile Catalyst Species In A Carbonylation Process	6627770
56.	Celanese International Corporation	Oxidation Treatment Of A Recycle Stream In Production Of Acetic Acid By Methanol Carbonylation	6667418
57.	Celanese International Corporation	Process Control In Production Of Acetic Acid Via Use Of Heavy Phase Density Measurement	6677480
58.	Celanese International Corporation	Microbial process for the preparation of acetic acid as well as solvent for its extraction from the fermentation broth	6368819