

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 8,907,135 B2  
APPLICATION NO. : 13/892143  
DATED : December 9, 2014  
INVENTOR(S) : James J. Strohm et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Page 2, Column 1 (56) References Cited – Replace “PCT/US2010/061373WrittenOpinio, Oct. 7, 2011, Battelle Memorial Institute.” with --PCT/US2010/061373 Written Opinion, Oct. 7, 2011, Battelle Memorial Institute.--

Page 2, Column 2 (56) References Cited – Replace “Faro, Arnaldo C., et al, “Cumene hydrocracking and tiophene HDS on niobia-supported Ni, Mo and Ni-Mo catalaysts” Catalysis Today, vol. 118, 2006, pp. 402-409, XPOO2511927 Abstract.” with --Faro, Arnaldo C., et al, “Cumene hydrocracking and tiophene HDS on niobia-supported Ni, Mo and Ni-Mo catalaysts” Catalysis Today, vol. 118, 2006, pp. 402-409, XPOO2511927 Abstract.--

Page 2, Column 2 (56) References Cited – Replace “CN 2010800573893 Search Report, Nov. 7, 2013, Battalle Memorial Institute.” with --CN 2010800573893 Search Report, Nov. 7, 2013, Battelle Memorial Institute.--

Specification

Column 8, line 33 – Replace “be couple to” with --be coupled to--

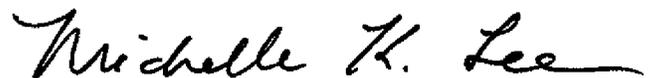
Column 9, line 53 – Replace “system deceases” with --system decreases--

Column 11, line 45 – Replace “can increasing” with --can increase--

Column 15, line 47 – Replace “carbon by product” with --carbon byproduct--

Column 19, line 43 – Replace “(15 wt % PO<sub>4</sub>)” with --(15wt% PO<sub>4</sub>)--

Signed and Sealed this  
Twenty-third Day of February, 2016



Michelle K. Lee  
*Director of the United States Patent and Trademark Office*