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(71) Applicant: **EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Ammandale, NJ 08801-0900 (US).

(72) Inventors: **WEBB, Jonathan, D.**; 61 Cornell Boulevard, Bridgewater, NJ 08807 (US). **LUO, Shifang**; 7 Pinehurst Circle, Ammandale, NJ 08801 (US). **YU, Xinrui**; 2800 Mountain Laurel Drive, Furlong, PA 18925 (US). **WOO, Hyung, Suk**; 3280 Rocky Lane, Easton, PA 18045 (US).

(74) Agent: **TUMEY, Corey, S.** et al.; C. Tumeey Law Group, PLLC, P.O. Box 890226, Houston, TX 77062-9998 (US).

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(54) Title: HYDRO-DEALKYLATION PROCESS TO GENERATE HIGH QUALITY FUELS, BASE STOCKS AND WAXES

(57) Abstract: Provided are methods of hydro-dealkylation of hydrocarbon feedstock to produce an intermediate hydrocarbon product having a boiling point at T10 of greater than about 500 °F+ by distillation method ASTM D7169 and a viscosity index greater than about 120 in accordance with ASTM D2270 where at least about 50 percent of the hydrocarbon feedstock is a SIMDIS of 400 °F. The intermediate hydrocarbon product can be used to produce a base stock, a wax and/or paraffinic diesel.

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