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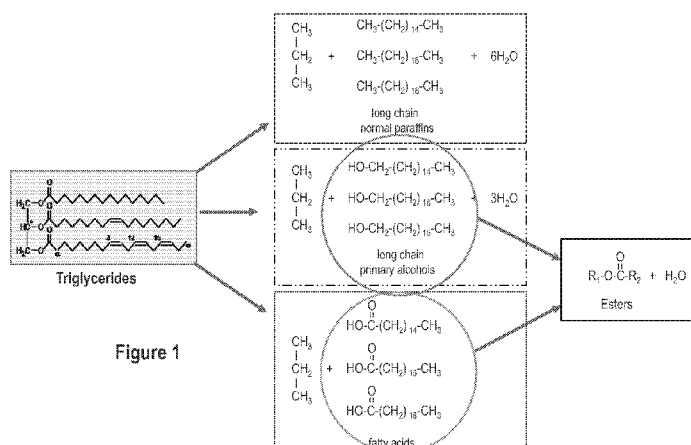
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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(54) Title: HYDROCONVERSION OF RENEWABLE FEEDSTOCKS



(57) Abstract: A hydroconversion process comprises contacting a feedstock comprising renewable materials under hydroprocessing conditions with a promoted catalyst selected from a self-supported catalyst, a supported catalyst and combinations thereof, wherein the reaction conditions can be tailored to directly convert the renewable feedstock to the desired product(s) including fatty alcohols, esters, normal paraffins, or combinations thereof. The catalyst comprising at least a Group VIB metal selected from molybdenum and tungsten, a Group VIII metal selected from cobalt and nickel to convert the feedstock into any of fatty alcohols, esters, and normal paraffins. In some embodiments, the process further comprising additional steps to generate various desirable products, including α -olefins (or PAO, by dehydrating the fatty alcohol products), lubricants and bright stocks (from the oligomerizing of the PAO), and Group 3 lubricants (from co-oligomerizing of the PAO with some short chain olefins).



— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))* — *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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