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(71) Applicant: **AUT VENTURES LIMITED** [NZ/NZ]; 7th Floor, WA Building, 55 Wellesley Street East, Auckland (NZ).

(72) Inventors: **CHEN, Jack Li-Yang**; 70A Grand Drive, Remuera, Auckland, 1010 (NZ). **TIBAN ANRANGO, Bryan Andres**; 32 Lillington Road, Remuera, Auckland, 1050 (NZ).

(74) Agent: **BLUE PENGUIN IP LTD**; Gracefield Innovation Centre, 69 Gracefield Road, Lower Hutt, 5010 (NZ).

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(54) Title: JANUS-TYPE SPHERICAL CELLULOSE NANOPARTICLES

(57) Abstract: The invention relates to Janus-type spherical cellulose nanoparticles and processes for producing them. The Janus-type spherical cellulose nanoparticles of the invention are chemically modified on one face only, producing particles with a lipophilic face opposite a hydrophilic face. Such particles demonstrate superior surfactant properties and can be used to prepare Pickering emulsions.

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