Client RHL

We are searching for innovative, IP-supported, ideally disruptive technologies, devices, chemistry or physics relating to improved eco friendliness / sustainability of domestic washing of textiles / laundry. Focus is on improvement of the environmental profile of the total wash process whilst maintaining or improving consumer satisfaction in wash results (cleaning, whiteness, softness) and washing experience.

In taking a global perspective we are equally interested in addressing regional variations in water quality, water availability, absence of electrical power or limited power availability as well as more general cultural and washing practices. We are seeking non-limiting, enabling technologies that could deliver one or more of the following objectives:-

More effective use of water

- Use less total amount of water, e.g. by having to rinse less, reduce wash time, non-water cleaning systems etc.
- Recycle water during total wash process or for subsequent washes
- Use of low quality water (e.g. sea water, recycled / grey water) not suitable for personal care
- Reduce problems generated by hard water, e.g. calcium-induced precipitation

More effective use of chemistry and concentration of products

- Chemistry to enable an increase in product concentration by up to 10x
- Reduction, replacement or improvement of bulk chemistry (e.g. surfactants, builders, buffers etc) by high weight effective ingredients e.g. by employing biological routes, enzymes or other catalysts
- Low temperature (cold water) cleaning
- Triggered / controlled release of chemical components via coating or release chemistry
- Improved delivery of functional ingredients at the textile surface
- (Partial) replacement of chemistry / surfactants by physical processes, e.g. water softening, pH control, (in situ) generation of ingredients
- Achieve the required low oil / water interfacial tension at low or no surfactant levels

More sustainable use of chemistry and physics

- Sustainable ingredients, especially biodegradable functional polymers
- Innovative power generation technology (e.g. human power) / self-contained power systems, to drive chemistry or soil / water / textile separation processes
- Reduce / eliminate external power consumption
- Functional / smart packaging for the whole wash process, e.g. integral packaging and dosing systems, interactive / informative packaging
- Recyclable or resealable packaging (e.g. to prevent deterioration of product from humidity)

Our client is a € multi-billion global company with manufacturing facilities around the world. It has a wealth of expertise and is extremely well placed to take promising new developments to market globally. We are willing to explore any reasonable commercial arrangements, including licensing in of proprietary or innovative products, systems or technologies, strategic alliances or partnering arrangements and acquisitions.

Please send preliminary information on any proposed opportunity – including a short description, technical and marketing advantages and initial suggestions on possible methods of co-operation – to Mrs Elaine Rhodes, Operations Manager.

Thank you.

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