

 Kubagen

 New patent filled



From David Antonelli, CEO/CTO

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Kubagen patent enters US non-provisional and PCT filing phase



We are delighted to announce to the hydrogen community that Kubagen's 2019 US provisional patent has now entered the non-provisional and PCT filing phases after a successful summer finalizing the claims and content with our lawyers Blank and Rome.

This new patent allows for the first time commercial scale up for the KHS (Kubagen Hydrogen Sponge) family of hydrogen storage materials (which includes KMH-1 from my May, 2019 *Energy and Environmental Sciences* paper) and new KHS-1 compositions with greater mechanical stability for on-board energy storage solutions.

While encouraging, the previous USW background IP required over 2 weeks of energy intensive processes to produce 1 gram or less of material without optimized thermal and mechanical stability. Our new patent cuts around these issues and opens up the doorway for production of bulk quantities and new compositions - not covered by the previous patents - which perform as well or better than the original KMH-1, but with improved stability.

We believe this development brings the practical hydrogen economy a step closer. For this reason we are more excited than ever about the future of Kubagen.

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