URT Partners with CHASM Advanced Materials to Advance Touch Display Technology

Expanded product line uses CNT Hybrid transparent conductive film to efficiently manufacture reliable touch displays at scale.

CANTON, Mass. (PRWEB) September 30, 2020 -- CHASM Advanced Materials, inventor of AgeNT™ - the leading ITO alternative for transparent printed electronics - announced today that United Radiant Technology Corporation (URT) has joined CHASM’s Preferred Integration Partner (PIP) Program. Headquartered in Taiwan, URT specializes in capacitive touch panels, resistive touch panels, LED lighting and touch buttons for many applications including white goods and automotive applications. Multiple models of AgeNT transparent conductive films are being used to develop a new line of medium and large format touch screen displays.

While ITO is widely used for touch panels and buttons, the advantages of AgeNT vs. ITO are lower touch sensor pattern cost, more efficient supply chain design and faster touch sensor response time due to higher conductivity. Additionally, AgeNT is printed onto flexible films, allowing for large format touch panels in curved and organic shapes – not just flat panels. Utilizing AgeNT (and CHASM’s latest VC102 ink – a PEDOT replacement), enables URT to continually develop the products their customers require.

“We see how quickly the technology of our customers’ is moving and the needs they have for more advanced ways of implementing touch buttons and smart surfaces into homes, cars and public spaces. With the addition of AgeNT and Signis materials, we feel strongly we will be able to provide the products our customers need to keep them on the cutting edge and ensure their product roadmaps are robust,” said Dr. Ching-Yuan Ju, R&D Director of URT.

With company values of innovation, speed and commitment, URT and CHASM are uniquely aligned. URT was established in 1990 and serves customers globally from their factories and support centers in Taiwan and in Europe. URT has more than 20 distributors worldwide and more than 700 employees. URT is committed to continuous efforts in research and development, making the partnership with CHASM a likely one. URT will use CHASM’s AgeNT product line of transparent conductive films to offer their clients a broader range of transparent and flexible printed electronics solutions.

“Alternative advanced materials such as AgeNT help engineers at companies like URT to evolve established product lines offering cost and producibility benefits,” said David J. Arthur, CEO and Co-founder of CHASM. “By overcoming the design limitations imposed by materials like ITO, URT can expand their product line to not only perform better in end customer applications, but also in a way that gives engineers greater design freedom in developing new applications and accelerating those offerings to market quickly and efficiently through scalable manufacturing.”

About CHASM Advanced Materials
CHASM Advanced Materials, Inc. propels cutting edge product innovations through advanced materials hybridized at the nanoscale to exceed the design limitations imposed by existing materials. Leading companies across multiple industries have fueled next-generation product innovations using AgeNT™ for transparent flexible printed electronics, NTeCTM for battery, coating, or performance additives, and Signis™ for touch buttons and sensor with superior environmental stability. For more information, visit www.chasmttek.com, or follow us on Twitter, LinkedIn, Facebook, or Instagram.
Becoming a CHASM Preferred Integration Partner is quick and easy. Click here, contact sales@chasmtek.com or call +1.781.821.0443.

About URT
URT Delivers the liquid crystal display technologies that enable professional LCD panels and modules including TN, WTN, STN, WSTN, FSTN WFSTN and TFT. In order to serve our global customers, URT factories are located in Taiwan and customer support is located in Denmark. URT is ISO 9001:200, ISO14001 and OHSAS18001 certified. U.R.T. has an ultimate goal of being the leader in the small size flat panel display industry as well as these important issues will allow us to achieve our corporate mission.
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