

Headline:

January 16th 2025

US SmartPad Patent press release

We are proud to announce the inclusion of configurable deicing pads to our regime of patent protected IP. This the latest addition to our patented suite of IP addresses our intelligent infrastructure that combines actuation of follow the greens into customizable deicing bays, utilizing lighting systems, local guidance systems, docking systems, messaging systems, client console, and surface management/information systems to configure deicing bays and generate a safe zone within a deicing area to safely address and place aircraft automatically according to aircraft type and aircraft size. Known as the SmartPad, all resources including tower, deicing management, deicing trucks, flight deck and personnel are handled through JCAI's sophisticated suite of intelligent infrastructure. As aircraft enter the facility, transition from the ICP to OCP the aircraft is captured and guided with signalling and docking systems allowing for smooth, efficient and safe transition throughout the deicing process. Flight deck, CTM, deicing trucks and personnel are operating on the same page in real time with the patented SmartPad user console which displays all of the intelligent infrastructure on the user interface providing a status of aircraft, equipment and where each operation in each bay is in the process. As deicing request is made from the flight deck or the tower, the aircraft is assigned to the appropriate bay with safe zones being generated and a lighted path for the aircraft in accordance with the assignment and bay availability. The SmartPad is user agnostic and integrates into the airport AODB and is A-CDM ready. Coupled with ICELINK®, the SmartPad system handles all process and traffic management requirements of aircraft deicing operations.

"... the level of scalable standardization and automation available to the aircraft deicing industry through the innovation of TKH/JCAI is unprecedented. The TKH/JCAI team are very proud of our innovations and we covet the leadership position that we have earned in Aircraft deicing operating systems..." , said JCAI president Jeff Campbell.

The Full Automated SmartPad is operated in Chicago, Heathrow, Memphis among many other airports and is tied to our over 300 winter operations worldwide.



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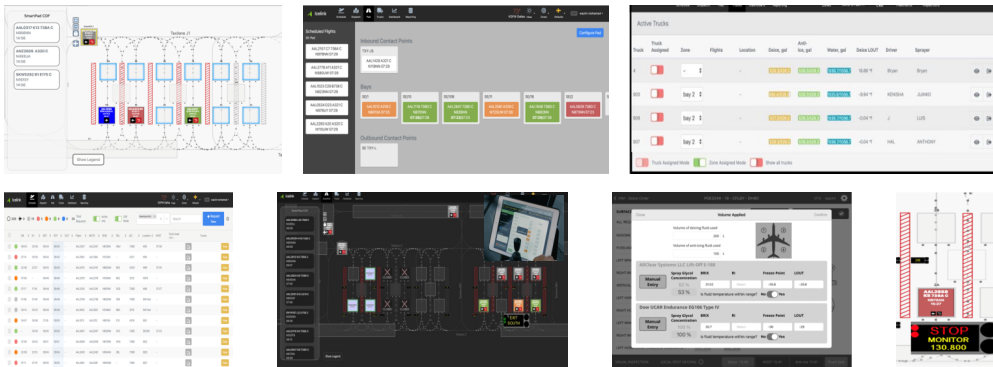
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16/282,825	02/22/2019	Jeffery Paul CAMPBELL	K8001885US	4686

TITLE OF INVENTION: METHOD AND SYSTEM FOR AUTOMATING AND CONFIGURING AN AIRCRAFT DE-ICING PAD FACILITY



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