

# Quick Mount PV™

Your *Solution* in Mounting Products  
Solar • H<sub>2</sub>O • Conduit • HVAC • Custom

To whom it may concern:

My name is Stuart Wentworth. I am the chief technology officer at Quick Mount PV. I oversee the R & D department for new products as well as engineering change orders for existing products. We design and manufacture waterproof roof mounting apparatus for the solar industry. Over the past two years we have converted from hand drawn drawings to solid works drawings.

Patrick Joyce worked in my department for the summers of 2011 and 2012. During the summer of 2011 we only had one Solid Works work station. He was in charge of converting all of our hand drawings into Solid Works drawings. He started by making a solid model of each and every part in our system, a total of around 500 pieces. Then he arranged them into an assembly for each finished product. He then out put them to CAD as well as PDF and organized them on our Apple based server for print and web.

During the summer of 2012 we added two Solid Works workstations to our collection. Patrick was instrumental in the whole process. He spec'd out the new computers, optimizing them for Solid Works, assembled them from the ground up, installed all the software, linked all three computers on the network, designed our library system of drawings into the PDM work group, helped with a new improved naming convention for the entire process, and then implemented the new naming as he loaded all of our drawings into the library.

Throughout the process Patrick conducted himself like a true professional. He worked with the tech support lines of multiple vendors to solve problems. He regularly interfaced with senior management to insure that the department was moving in line with the company goals. He even had patients with some of our elder want to be draftsmen, such as myself, and always explained what he was doing, why he was doing it, what was possible, and what the limitations were. He was always enthusiastic toward the project and the people who surrounded him. He has a very rare passion and creative quality for engineering. Patrick was an all around pleasure to work with.

As the library progressed he also took on the project of structural stress testing of some of our new aluminum extrusions. He could take an extrusion drawing from a napkin, draw it, model it, stress test it, analyze the results, review it with management, transmit it and review it with our extruder. We could then order new dies and materials with great confidence of success. He also put together full renderings for marketing who would not be capable of taking photo's of the new products for 12 weeks.

I do not hesitate to recommend Patrick as industrial technology wizard. I know his talents far exceed our limited area of focus. For a company that understands that their employees are their greatest asset, and what sets them apart from the competition, I would make sure Patrick's resume is on top of the stack.

Please do not hesitate to contact me for anything further. You can reach me on our office line at 925-478-8851, and or on my cell at 925-203-0071.

Thank You  
Stuart Wentworth  
CTO

**2700 Mitchell Dr.  
Walnut Creek, Ca 94598**

**[www.quickmountpv.com](http://www.quickmountpv.com)**

**P (925) 478-8844  
F (925) 687-6689**