



3rd Quarter of 2020

Although everything in the world still seems a little out of sorts, we hope you all are experiencing some normalcy, and most importantly, we hope you and your loved ones are safe and healthy.

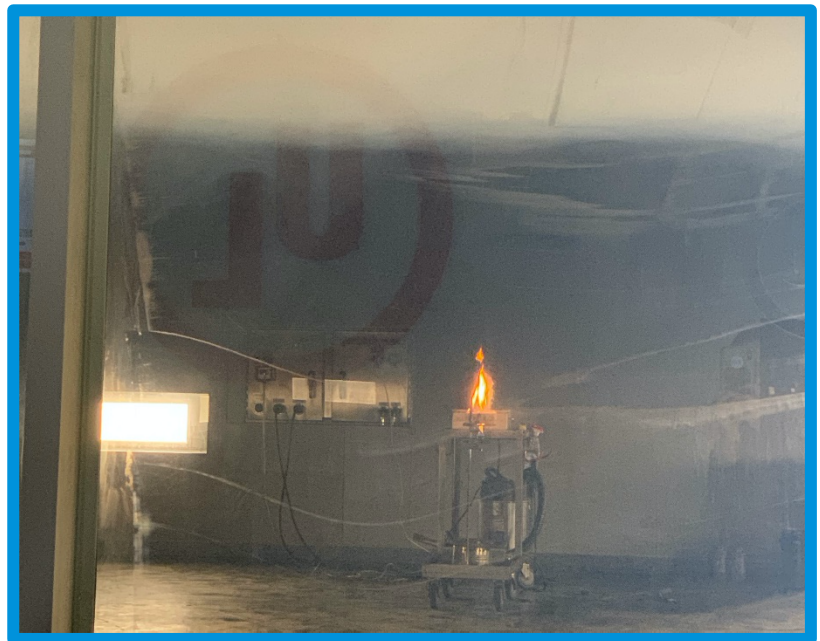
The Orrigen Team is still pushing on the best we can, despite some delays due to the pandemic. We're so excited to update our stakeholders with our progress from the past few months. We get closer to getting Orrigen to market every day!

Technology to protect your two most valuable assets: your family and your home

UL

Our lead electrical engineer returned to UL in June to complete an additional step in the process for UL certifications 217 (Standard for Smoke Alarms) and 268 (Smoke Detectors for Fire Alarm Systems). During his time there, Eric was able to complete nearly double the amount of tests he was expected to complete. With these tests, we collected over 750,000 data points that will guide us in perfecting our algorithms and the patented technology that powers it. Overall, our data was impressively consistent with UL's data and our electrical engineering team is already working on improving the algorithms. UL was very pleased that we show the entire lifecycle of the fire through the device. In

addition to the smoke detection certifications, we are also planning on simultaneously completing the UL 985 certification (Household Fire Warning System Units) and UL 2075 certification (Standard for Gas and Vapor Detectors). We expect to complete all UL testing by 1st quarter of next year and that can happen in parallel with mass manufacturing our first set of devices. We keep reminding ourselves that if the certifications were easy, everyone would have them!



NOTICE OF ALLOWABILITY RECEIVED

Monday, June 15, 2020

Dear Mike and Macie,

Congratulations! On June 15, 2020, we received a Notice of Allowability and fee(s) due from United States Patent and Trademark Office (USPTO) relating to your application entitled, "A System and Method for Detecting Smoke using a Photoelectric Sensor" (Atty Docket No. 195-0004US, App No. 16/130,936).

Patents, Trademarks, and Legal

As of June 15, our second patent is approved! The same examiner is reviewing our third patent, so our patent attorney is confident it will be approved soon as well. We filed two trademark applications at the beginning of May – one for the name *Orrigen* and one for our logo. We received a partial rejection from the United States Patent and Trademark Office on our logo, but we will be responding to that rejection by mid-August. Again, we are confident we will receive approval for our trademarks if we are patient and do our due diligence. We are hopeful the three outstanding patents will be approved in Q3 or Q4.



Our legal structure is currently a Limited Liability Company (LLC). We were expecting to have to convert to an S-Corp or C-Corp at some point in this journey, but our attorneys and accounting firm have advised us to stay as an LLC for now. Because we started this company under the name "Shepherd", our LLC is still in that name. Once the Orrigen name and logo are trademarked and we have moved on to Series A funding, we will open a new LLC under the proper name and move the necessary business under that company as well as formalize the SAFE agreements to actual shares and ownership. A lot of questions have been asked around tax implications and filing and we have been advised that we are still in a phase where the investments are just that. When we secure the first round of funding we will formalize the structure with our legal and accounting team. More to come on that and we have the benefit of taking advantage of the latest tax and incorporation laws.

Manufacturing

We are at the point in this journey that we are building out the financial models and proformas on manufacturing partners. As expected, manufacturing overseas is significantly more cost-efficient; however we prefer keeping manufacturing and assembly in the United States, or North America, at the very least. We will send the cost comparisons to our financial-modeling partners and will use that data to guide us in our decision. We expect to establish a partnership with a contract manufacturer late in Q3 or early in Q4 with an expectation to leverage partners to fit where we are at based on the expected number of units to be manufactured and then assembled.

Funding

We are still dating for a Series A investor – one of our best advisor’s has equated this to speed dating and at times it feels like it. We have had a few great conversations with several potential investors, but do not feel we have found “the one” based on fit with the team, ownership stake, and alignment with company goals. If only raising a few million dollars were easy. We also continue to entertain companies that are interested in purchasing the Intellectual Property (IP) and hoping they show up with a Happy Gilmore check. We are hoping these conversations soon move from Non-Disclosure exploratory conversations to the 2nd base.

Town Hall

As part of our 2020 plans, we were hoping to host town halls to meet in-person with our investors. We had secured a venue for the Dallas-Fort Worth area the week before Governor Abbott issued a state-wide mask order in Texas. Given the circumstances, it just hasn’t been the right time to bring everyone together. We have considered hosting virtual town halls, but we’re still hoping we can squeeze an in-person town hall in sometime in the fall, depending on state and local health protocols.

Project Timeline

In order to keep us on track for these next critical six months, we have created a timeline working with our engineers. We have laid out the deliverables tied to each activity, and with this, we’re hoping to stay on track to this timeline. Please see the activities planned for the next three months below:

	August				September					October			
	3rd-7th	10th-14th	17th-21st	24th-28th	31st-4th	7th-11th	14th-18th	21st-25th	28th-2nd	5th-9th	12th-16th	19th-23rd	26th-30th
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Mechanical Engineering	LED Ring Optimization												
	Smoke Inflow and Vent Sizes												
	Internal Unit Reflectivity												
	Camera Fit Check									Mechanical Detailing			
											Design for Manufacturability		
Electrical Engineering	Smoke Detector Development												
	LED Lighting Controller												
	Gigabit Ethernet Switch and WiFi Hotspot												
						PoE Power Switchgear							
UL	Phase 1: Construction Review and Datasheets												
											Phase 2: Sensitivity and Fire Tests		

Stay in Touch

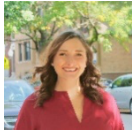
We are so grateful for your ongoing support and continued belief in our product and company. Our single and primary goal at this point is to get to market and bring in revenue. We appreciate your engagement on our social media platforms and love connecting with you there! Please follow us on LinkedIn and Facebook. Please reach out to any of our team members if you have any questions or concerns. The best is yet to come!



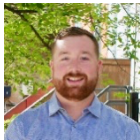
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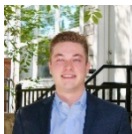
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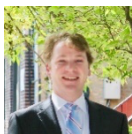
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