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May 7, 2010

Ian Kuklenski
Operations Specialist
Sunlight Saunas
7373 W 107th Street
Overland Park, KS 66212-2547

Subject: Sunlight Saunas
Project No. 0801110.000

Dear Mr. Kuklenski:

In 2008, Exponent Inc. was contacted by Sunlighten to demonstrate a prototype of a new infrared heating technology that was built to provide the following:

1. Variable infrared wavelength control
2. High infrared power and efficiency
3. Robust emission of infrared heat
4. Broad spectrum production across all infrared wave ranges: NIR, MIR, FIR
5. Low EMF

Exponent engineers worked for several months with Sunlighten staff and developed several concept demonstration units. These demonstration units proved that it was necessary to combine several heating technologies together into one heater in order to generate heat at different wavelength peaks. These heating technologies were to include light emitting diodes (LEDs) and black body radiators.

A custom LED array was used as a source of NIR radiation. It was determined to be impractical to employ a black body radiator within the new heating system since they require temperatures in excess of 2600°C. The benefits of the LED array would include a focused NIR radiation pattern, at lower temperatures when compared with a black body radiator, reduced EMF emissions, and higher heater emissivity when coated on the surface that faces the customer.

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If you have any questions or require additional information, please do not hesitate to contact me at (650) 688-6938.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stig Nilsson', written in a cursive style.

Stig L. Nilsson, P.E.
Principal Engineer
Licensed Control System Engineer, CS3793
by the California Board for Professional
Engineers and Land Surveyors