
From: JT Vaughn <jvaughn@industrialheat.co>
Sent: Thursday, September 11, 2014 6:06 PM
To: John Mazzarino; Tom Darden
Subject: IH Timeline -- please help fill-in / edit as necessary

TD/JM: below are some timeline highlights that come to mind, but please edit and/or add others as you see fit.

2012

June 22nd: Tom Darden meets Andrea Rossi for the first time. Shortly after this meeting, Rossi proposes an agreement to allow the principals of Cherokee to license his technology. Miami, Florida

October 24th: Industrial Heat, LLC ("IH") is incorporated in the state of Delaware.

October 26th: Rossi, AmpEnergo (Rossi's partners) and Industrial Heat ("IH") sign licensing agreement and IH makes an initial payment of \$1.5M to Rossi for a IMW plant, with an additional \$500k to AmpEnergo. Raleigh, North Carolina


November 20th: Rossi conducts a test of the high temperature E-Cat for Giuseppe Levi, a professor at Bologna, University and Evelyn Foschi, a Bologna-based physics consultant. The device overheats and self destructs (stainless steel core melts). Ferrara, Italy

November 27th-28th: John Mazzarino and JT Vaughn visit Rossi's facility in Ferrara, Italy. Rossi safely operates both the high temperature E-Cat and the low temperature, water-based E-Cat.

December 13th-17th: Rossi conducts another test for Giuseppe Levi and Evelyn Foschi. The device is operated at a relatively moderate temperature (max of about 496C); the test lasts 96-hours and results in a COP of 5.6. Ferrara, Italy

2013

February 19th: IH makes a \$300k convertible debt investment in Brillouin, through a subsidiary called New Heat, LLC.

March 8th: In an effort to begin building more relationships throughout the LENR sector, Tom Darden visits Francesco Piantelli, a prominent LENR inventor who, like Rossi, was associated with Sergio Focardi. , Italy.

March, 18th-23rd: Rossi conducts a 116-hour test for a larger independent committee of both Swedish and Italian experts, including Levi and Foschi. Max operating temperature is reported at about 335C; the test lasts 116-hours and results in a COP of 2.6. Ferrara, Italy

April 28th: JT Vaughn arrives to Ferrara, Italy and Rossi provides him a pre-release copy of the independent report concerning the March 2013 and December 2012 tests.

April 29th: IH assigns E-Cat licensing agreement to its Dutch subsidiary, IPH International, B.V.

April 29th - May 2nd: Rossi performs a 24-hour test of 18 water based E-Cat units, followed by a 3-hour test of an additional 18 units of the same type, followed by an 11.5-hour test of a high temperature E-Cat. Fabio Penon reports significant COPs from each test. This performance triggers additional payment obligations to Rossi (\$10M) and AmpEnergO (\$5M). Ferrara, Italy

May 2nd: IH files provisional patent application, USPTO number 61/818,553, "Heat Energy Production Device and Related Methods."

May 3rd: IH files provisional patent application, USPTO number 61/819,058, "Exemplary Devices and Methods for Generating Heat."

May 10th: IH files provisional patent application, USPTO number 61/821,914, "Novel Methods and Devices for Use in Generating Useful Heat."

June [REDACTED]: Rossi meets with IH in Raleigh, NC to transfer all intellectual property. Simultaneously, his \$10M payment is released from escrow.

July 21-27th: Deep River Ventures ("DRV"), on behalf of IH, attends the 18th bi-annual International Conference on Cold Fusion at the University of Missouri. Numerous industry contacts are initiated and DRV begins building relationships with other LENR inventors. Columbia, Missouri

August 13th: IH fully satisfies its remaining payment obligation to AmpEnergO, based on the April 29th - May 2nd test.

August 15th: E-Cat 1MW unit arrives to IH facility in Raleigh, NC.

September - December: Rossi conducts numerous tests on various new reactor designs, often to destruction. In the process, the IH team learns how to construct the reactors and begins improving some design aspects of the reactor's heating component. Raleigh, NC

2014

January - February: Rossi and IH team prepare the final design of the reactor to be used in an upcoming 1-month test, to take place in Lugano, Switzerland. The IH team makes four such reactors and ships them to the testing site in Lugano.

February 21: IH files two provisional patent applications, USPTO numbers 61/943,016 and 61/943,026, both titled, "Energy-Producing Reaction Devices and Related Methods."

February 26th - March 29th: The committee of Swedish and Italian experts conduct a test of a high temperature E-Cat. IH representatives, including Tom Darden, John Mazzarino and JT Vaughn stop by on various different occasions during the course of the test. Lugano, Switzerland

May 2nd: IH files non-provisional utility patent application, USPTO number 14/262,740; WPO number PCT/US2014/35588, "Devices and Methods for Heat Generation,"

May - September: Rossi begins working on the 1MW unit to prepare it to operate on a continuous basis for 350-days, per the terms of the agreement with IH. Meanwhile, IH and DRV begin actively meeting with various other LENR inventors, including: Chris Cooper, Dennis Letts, Dennis Cravens, Ed Storms, Tadahiko Mizuno,

Curt Brown, George Miley, Mike McKubre, Trevor Dardik and Tony Lagatta. In parallel, IH is approached by two Fortune 250 companies and begins to discuss potential joint technology development and commercialization strategies.

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