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Websites; http://www.geocities.jp/hjrfq930/, http://web.pdx.edu/~pdx00210/
(Back numbers of this News are posted at the above geocities and/or PSU sites of the CFRL Websites)

CFP (Cold Fusion Phenomenon) stands for
"Nuclear reactions and accompanying events occurring in open (with external particle and energy supply), non-equilibrium system composed of solids with high densities of hydrogen isotopes (H and/or D) in ambient radiation" belonging to Solid-State Nuclear Physics (SSNP) or Condensed Matter Nuclear Science (CMNS).

This is the *CFRL News* (in English) No.97 for Cold Fusion researchers published by Dr. H. Kozima, now at the Cold Fusion Research Laboratory, Shizuoka, Japan.
This issue contains the following items:

1. JCF16 will be held at Kyoto University on December 11 and 12, 2015

Announcement of the JCF16 was published by the Administrative Office of JCF and posted at JCF website: http://jcfrs.org/

Main articles are cited below;
(1). Date
December 11 (Friday) and 12 (Saturday), 2015.
(2). Place
Shishukan Hall, Higashi-ichijo Bldg B1, Kyoto University,
http://www.gsais.kyoto-u.ac.jp/access.html
(3). Style of Presentation

Oral presentation (20 – 30 min.)

(5). Abstracts

Abstracts will be posted at JCF website by the end of November, 2015: http://jcfrs.org/

(6). Proceedings

Proceedings of JCF16 will be published online and posted at JCF website; http://jcfrs.org/proc_jcf.html

(10). Application to the JCF16 and Abstract presentation

Application form to the JCF16 and Abstract of papers should be sent to the JCF Office below by November 16 (Monday);

Shinya Narita, Iwate University,
Email: narita@iwate-u.ac.jp
Tel: 019-621-6374

2. Four Papers from CFRL to be presented at JCF16 and their Abstracts

We are going to present four papers at JCF16. The titles of these papers are;

(1) H. Kozima, "Nuclear Transmutations in Polyethylene (XLPE) Films and Water Tree Generation in Them (2)"
(2) H. Kozima, "Biotransmutation as a Cold Fusion Phenomenon"
(3) H. Kozima and K. Kaki, "The Cold Fusion Phenomenon and Neutrons in Solids"
(4) H. Kozima, "From the History of CF Research – A Review of the Typical Papers in the Cold Fusion Phenomenon –"

The Abstracts of these papers are posted at the following pages of the CFRL website;
http://www.geocities.jp/hjrfq930/News/news.html

3. Rossi has been granted US patent on the E-Cat

Andrea Rossi was granted a patent on his LENR based heating device the E-Cat on August 25, 2015. The patent, which has the filing date March 14, 2012, can be downloaded here: US9115913B1.

The First page of the US Patent Document on the E-Cat;

US009115913B1

(12) **United States Patent**
Rossi

(10) **Patent No.: US 9,115,913 B1**
(45) **Date of Patent: Aug. 25, 2015**

(54) **FLUID HEATER**

(75) Inventor: **Andrea Rossi**, Miami Beach, FL (US)

(73) Assignee: **Leonardo Corporation**, Miami Beach, FL (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 609 days.

(21) Appl. No.: **13/420,109**

(22) Filed: **Mar. 14, 2012**

(51) **Int. Cl.**
F24J 1/00 (2006.01)

(52) **U.S. Cl.**
CPC ***F24J 1/00*** (2013.01)

(58) **Field of Classification Search**
USPC 122/16.1, 21
See application file for complete search history.

(56) **References Cited**

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2011/0005506 A1 1/2011 Rossi

FOREIGN PATENT DOCUMENTS

EP 2341119 9/2013

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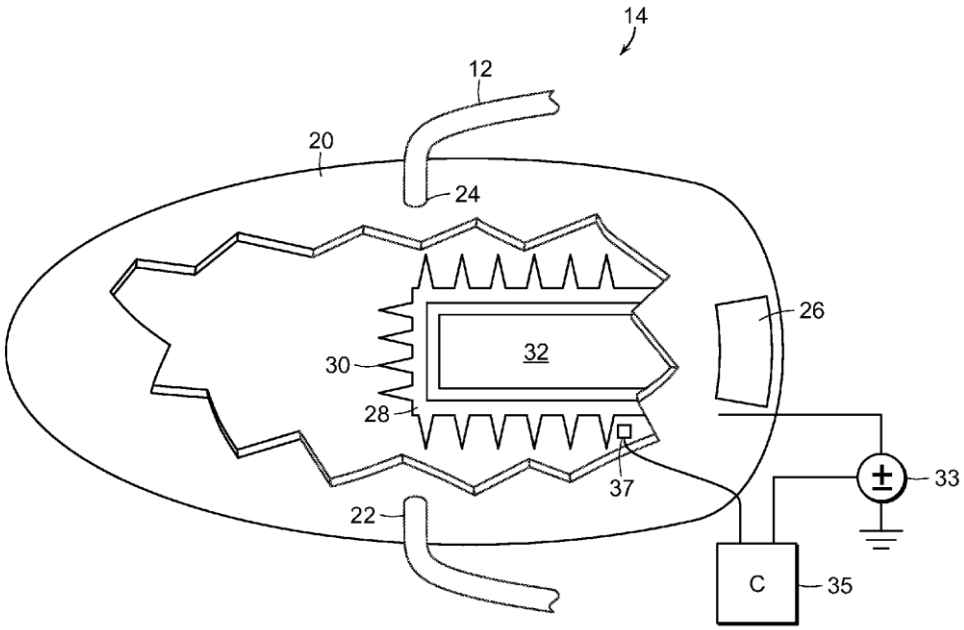
Assistant Examiner — John Bargero
(74) *Attorney, Agent, or Firm* — Occhiuti & Rohlicek LLP

(57) **ABSTRACT**

An apparatus for heating fluid includes a tank for holding fluid to be heated, and a fuel wafer in fluid communication with the fluid. The fuel wafer includes a fuel mixture including reagents and a catalyst, and an electrical resistor or other heat source in thermal communication with the fuel mixture and the catalyst.

10 Claims, 5 Drawing Sheets



There have been published several articles on the E-CAT in this *CFRL News* as follows;
H. Kozima, **"The TNCF Model and the E-Cat" was published in E-Cat World website.**

CFRL News No. 93 (2015. 05. 10).
H. Kozima, **"Present Status of the E-CAT"** C*FRL News* No. 86 (2014. 07. 01).
H. Kozima, **"E-CAT and the Cold Fusion Phenomenon in Ni-H Systems"** *CFRL News* No. 83 (2013. 12. 10),