

Re: Eric Gisse asks the dumb question: "what does hydrogen have to do with free energy?"

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- *From:* "The\_Man" <[me\\_so\\_horneeeee@xxxxxxxxxx](mailto:me_so_horneeeee@xxxxxxxxxx)>
  - *Date:* 4 Mar 2007 03:35:57 -0800
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On Mar 3, 9:28 am, "gdewi...@xxxxxxxxxx" <[gdewi...@xxxxxxxxxx](mailto:gdewi...@xxxxxxxxxx)> wrote:

On Mar 3, 2:48 pm, "Eric Gisse" <[jowr...@xxxxxxxxxx](mailto:jowr...@xxxxxxxxxx)> wrote:

On Mar 3, 4:15 am, "gdewi...@xxxxxxxxxx" <[gdewi...@xxxxxxxxxx](mailto:gdewi...@xxxxxxxxxx)> wrote:  
[snip junk]

what are you whining now baby? First you pretend things are not real

because they aren't.

because the information is not delivered to you on a golden plate.

Eric prefers platinum plates, though I'll settle for osmium /iridium.

Seems rather far away from doing research but ok. Then you whine like a spoiled baby? bheee bheeee wahaaa whaaaa

Mixed metaphor. It is either "Cry like a baby" or "whine like a spoiled brat" At least LEARN the cliché before you USE it.

"" If you can't present a journal article in which free energy is observed, or a video that does not involve a black box [a moving car = black box], I am and will continue to be not interested.""

Of course – every scientist has exactly the same attitude.

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Ow, and where do the little journal articles come from? Send here by God perhaps?

No, little journal articles comes from a MOMMY journal article and a DADDY journal article, who love each other VERY MUCH.

I even give you your journals because you apparently cant search as well as post.

"You don't bring me JOURNALS any more.." Barbara Streisand and Neil Diamond

""Invented by Langmuir in 1926 , this device produces a temperature of 3700 degrees centigrade. Tungsten can be melted, diamond vapourised.

Hot stuff!

A jet of hydrogen gas is dissociated as it passes through an electric arc.  $H_2 \rightarrow H + H - 422 \text{ kJ}$ . An endothermic reaction, with the intensely hot plasma core of the arc providing the dissociation energy. The atomic hydrogen produced soon recombines; and this recombination is the source of such high temperatures (easily outperforming oxy-hydrogen: 2800oC and oxy-acetylene: 3315oC).

Do you even know what "endothermic reacton" means?

The hydrogen can be thought of as simply a transport mechanism to extract energy from the arc plasma and transfer it to a work surface.

This is a restatement of the first law, which Langmuir found so obvious that he didn't feel the need to explain it to other physicists who ALSO found it obvious.

It produces a true flame, as the heat is liberated by a chemical reaction.  $H + H \rightarrow H_2 + 422\text{kJ}$ . The molecular hydrogen burns off in the

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atmosphere, contributing little to the heat output.

So apparently, it takes 422 kJ to dissociate 1 mole of H<sub>2</sub>, and then the H<sub>2</sub> recombines, to give off 422 kJ of heat. Where does the "free" energy part come into it?

From the May 1, 1926 issue of The Science News–Letter –"

So you can't find an article more recent than 1926 to misunderstand? If you were a University student, you would have access to current (2007) journals. Or if you walk in off the street, many Universities will LET you read their journals. (supposing, of course, that you CAN read)

is a Nobel prize good enough for you idiot?

Yes, thanks – I always wanted to visit Stockholm.

[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/1932/langmuir-...](http://nobelprize.org/nobel_prizes/chemistry/laureates/1932/langmuir-...)

ow you wanted physics papers.

[http://prola.aps.org/abstract/PR/v40/i1/p78\\_1](http://prola.aps.org/abstract/PR/v40/i1/p78_1)

"An equation is derived which gives the accommodation coefficient of a gas striking a surface as the ratio of the observed heat loss from the surface to the theoretical heat loss that would be observed if all the gas molecules came to thermal equilibrium with the surface.

The experiments show that at temperatures above 600°K the values of  $a$  for hydrogen (0.20 mm pressure) are greatly reduced by the presence of

oxygen on the surface of the tungsten. Oxygen is inevitably produced in a tube when a tungsten filament is burned at 1500°K in hydrogen, as the atomic H thus formed dislodges oxygen from the walls even when the walls are cooled in liquid air. Hydrogen is adsorbed on tungsten at  $T < 1200^\circ\text{K}$  in two different forms, both of which reduce  $a$  from its value for bare tungsten. A film of the first type, which is adsorbed at  $T < 600^\circ\text{K}$ , changes over into the second type slowly at 600°K and rapidly at 1100°K. The numerical values of  $a$  range from 0.537 for bare

tungsten to 0.143 for tungsten with an adsorbed hydrogen film of the second type, and 0.094 for tungsten with an adsorbed film of oxygen.

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At  $T < 200^\circ\text{K}$  an oxygen film forms which increases  $\alpha$  to 0.422 at  $150^\circ\text{K}$ , provided that a small concentration of oxygen is continually present in the gas phase.

No shit! Langmuir's work centered on the nature of the chemical bond (He was an early proponent of the "Lewis dot" structure), and surface reactions ("Langmuir isotherm")

If you knew jack–shit about the Langmuir isotherm, you'd realize that one of the assumptions of the isotherm is that desorption from the surfaces is "activated" (to non–morons, this means "it takes energy")

©1932 The American Physical Society""

Wow – 1932! There has been NOTHING done on chemical bonding or surface reactions since 1932!

booo booo bwaaaaa whaaaa – yes?

Use more lube next time, bite the pillow, and maybe it won't hurt so much.

So what the hell does Hydrogen have to do with anything?

What hydrogen has to do with it?

"What's love got to do, got to do with it? What's love, but a second–hand emotion?"

The topic is about FREE ENERGY  
idiot.

Yes, it's about a Free energy idiot – you.

Sad how everything keeps escaping your attention. Are you that dumb? It sure seems that way. Shit I'm talking with a dumb

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person.

Yes, you're talking to yourself.

What a disappointment.

That's what your mother always says, particularly when you play "hide the salami" with her.

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