

# And yet it glows!

Andrey Anatolyevich Melnichenko, a physicist and inventor, already demonstrated in the editorial "Technology - youth" its experimental generator (see TM № 6/2007 "Transgeneration magnetic field: two light bulbs are on the price of one ", TM № 9/2012" Fantastic magnetism, open ... by Faraday "). In these experiments to the primary source one light bulb was connected, and after device named by the author "Transgenerator magnetic field "the second. Both bulbs shone in almost full heat, while power consumption was as if there would be only one light bulb in the circuit. Explanations of the author of the type that additional energy is extracted from the ferrite core "due to the fact that the ferromagnet formed by spin quantum currents, "the editorial staff was not satisfied. But against the facts (supported by the testimony of devices) you will not trample - the second the light bulb was also glowing. Moreover, fully and ... for free! We are publishing a new article about the transgenerator Andrei Melnichenko in the hope that that TM readers will be able to explain what is happening in the experiment. The article is published in the author's edition.

In this article, we will continue the story. about fundamentally new and important method of generating energy on the basis of a new principle of magnetic separation fields. The importance of this discovery for our civilization is impossible to re-evaluate. After all, using magnetic properties of such an ordinary "iron" as transformer or electrical Nichny steel, ferrites, etc., it is possible get absolutely free limited electricity in any place and in any quantity. All archaic Naya thermal, steam, hydropower, atomic and all ordinary and alternative electric power become absolute but not needed, but giant equipment for its development it turns just scrap and scrap.

Partly the principles of energy generation  
By magnetic field described more  
a century and a half ago, Michael Faraday  
... So, we are just stupidly  
lost a hundred years completely different  
energy source, absolutely  
free and unlimited. That  
is our total price for ignorance  
and dogmatism in physics, and most importantly, for  
not enough understanding  
features and specific aspects  
of magnetism and ferromagnetism ...

Physics important, fundamentally new  
output for electrical engineering  
effect possibilities  
energy generation in systems with  
ferromagnets  
is described in my earlier  
articles. Recall the main features of  
magnetic systems in electrical  
power and converting technology.  
In conventional transformers and throttle  
magnetic fields all the magnetic field of the system  
inductively connected to windings and  
currents, and the magnetic materials themselves  
cores are considered  
it is only as a kind of magnetic environment.  
with some kind of magnetic  
permeability (technical  $\mu$ ).  
However, a ferromagnet is at  
This and the carrier of the magnetic energy  
and the magnetic field itself is ferromagnetic  
netika may not always be connected  
with magnetizing winding. Take  
simple example of magnetizing  
core with winding in the role of induc-  
tor and located nearby (through  
clearance) of another core. Let's call  
its secondary core. If you  
diameter is big enough then around this  
magnetized secondary heart  
nickname is already formed and own  
magnetic field which is generally already

in any way spatially and magnetically  
connected to the inductor. Secondary circuit  
Technique as a ferromagnet is  
while the carrier itself is magnetic  
Noah energy. And this magnetic energy

secondary field is associated only with ferromagnets, and not with currents in the windings. In this case, fundamentally it is technically important that all costs of electricity on magnetization are related only to that magnetic field. Inductance that directly and straight inductively connected to the winding of the magnetized winding. As they say in electrical engineering, forms with it the so-called magnetic flux linkage.

And second closed magnetic field just around the secondary core, as if not at all for the current source. However, this is a secondary magnetic field. Second core of ferromagnetics is quite real and possesses some magnetic energy you can convert to electricity.

Conclusion  
Certainly, between cores always there is a common magnetic field, and the second the core is also back under the magnets inductor core, and they interact magnetically through gaps. But what matters is that the secondary the magnetic field itself is not at all

participates in the magnetic interaction of cores, and

it just doesn't exist

Thanks for the source of magnetism

engineering And formed secondary magnetic field

at no cost source

nickname electricity, power winding inductor.

This secondary magnetic energy can be easily reduced form in addition

just electricity

by entering a special removable

winding on the secondary series-

Technique. Device itself

amazingly simple it is somewhat of ferromagnetic cores with bundles divided relatively small gaps from dielectric.

Configuration, shape of cores and  
the entire magnetic system and fields of  
Can be very diverse.

It is important to note that in the theory of electrical  
technology and in the theory of magnetic circuits  
in general, even hypothetically, never  
the case of magnetic was not considered  
systems where there may be magnetic fields  
"Iron", no longer associated with the winding  
mi. In the tasks of energy costs and  
operation of the current source on the magnetized  
is usually considered only

Ko is the simplest case of the core  
from ferromagnetic in the form of a closed  
Torah. In any case, regardless of  
magnetic circuit forms,  
only the construction comes when everything  
the magnetic field of the ferromagnet an-  
riori is inductively connected to winding  
magnetization. Therefore, so much  
flock to genius idea with secession  
magnetic fields of cores from  
wires with current turned out to be absolute  
but unexpected in terms of class  
sic theory of electrical engineering.

Professors from the department of TOE just  
immediately shrugged, because there is no  
such complex integrals in theory  
to somehow take into account the whole magnetic  
energy of the system having the form  
for example, many pieces of iron  
pro scattered around powerful  
electromagnet.

How to count all  
these complex magnetic fields of all  
a piece of iron, the theory does not know, and there is no tako-  
mathematical apparatus, in  
ncipe And the current source itself costs  
It works to overcome the EMF

just from the magnetic flux that  
passes directly through the coils  
coil, and this is the ceiling of costs. And friend  
gyx magnetic fields for him just  
does not exist!

But the amount of energy of the secondary  
The magnetic field is highly dependent on  
gaps and the very shape of the core,  
especially the shape of its cross section so  
as a secondary magnetic field  
associated with superficial  
cn core layer and edge

effects. Also important are magnetic core material properties such as the ferro magnetization curve magnetism inductor core and the value of  $B$ . With increasing magnetic induction inductor core also grows and secondary serum induction dechnik. The structure itself is magnetic the field also changes slightly with growth magnetic induction material so how domains tend to turn around apart from the parallel position due to mutual magnetic moment. In ferrites, magnetic induction is not more than 0.4–0.5 T, and in electrical engineering

steel magnetic induction reaches 1.5–2 T and more, which is four to five times more than ferrites. It means, what's on electrical steel and especially her General grades can be made much more efficient generation than on ferrites. Additional energy can to be removed from the set secondary cores. it can be like miniatures Ny pulse back running converter on ferrite so whole electrical station on electrical steel. Number of cores and their shape may be different as schemes connection of the windings with the load. About-hanks of different cores can parallel to work well for common capacitance (diode-capacitor) adder voltage and also charge at all different rechargeable batteries. With This energy from one drive in the form Battery or capacitor bank is going the transducer to another accumulator Tel, feeding at the same time more and useful load. Electricity conversion impulse conversion mode reverse flyer current (sinusoidal) in electrostatic high power generation to shared or local network also not

presents problems. Impulse device or a pair of devices work-  
em in the mode of the oscillator, as his  
kind of push-pull, just swinging  
(pumping power) oscillatory  
transformer resonant circuit  
ditch and capacitors, and already with the LC circuit  
AC can be removed  
Mental or other frequency. Such  
type of resonant transducer  
DC pulses in the  
Much easier, cheaper and  
more efficient than inverters  
go current. A new generation of powerful and  
fast lockable thyristors  
it is easy to switch, not worse  
transistors, power in tens  
megawatts, and this is not the limit. It means,  
what the flyback converter  
can be easily done on an electric  
technical or transformer  
steel at high power - in  
how many megawatts and more. Limit

power in this case  
technically there is no ip  
Generally, since the devices are  
gut work and in parallel  
and peak power keys  
for switching current already  
has long been calculated almost hygiene  
gavattami For example, even  
simple mechanical glands  
accurate collectors in elec  
direct current romotors  
easily commute dozens  
megawatts with minimal  
losses. Transformation  
the most pulsed power  
ti to alternating current  
soidalnogo easy  
make technically just using  
impulse power pushes for  
oscillations of current and voltage  
in the resonant circuits of the coils and  
capacitors. With such contours or  
their cascades can already be shot almost  
perfect sinusoidal current of any  
the desired voltage.  
The secondary magnetic field can be used  
use in various modes of operation  
you both in static devices, so  
and in electric spinning machines

type of synchronous or inductor generator but with separation effect inductor magnetic fields (or rotor inductor torus) and stator. Secondary the magnetic field of the stator steel is not causes rotor inductor, but it gives electricity (this was in hot articles). But technically transformed the knowledge of the secondary magnetic energy fields are most convenient to produce in static devices (in the loop magnetization - demagnetization) with degauss phase in the so called flyback. Experimental cogs, by the way, perfectly confirm

so fantastic for ordinary electrical engineering opportunity. Experience clearly and clearly shows that energy secondary magnetic field, removing May from one or several secondary cores, gives a significant Donation to electricity received from current source. And the real efficiency of such go special transform

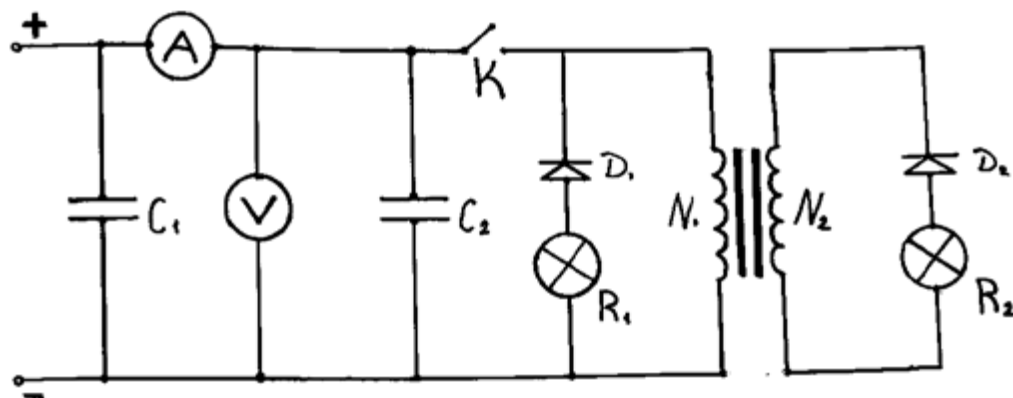
The body is more than 100%, and significantly even with substantial the magnitude of the losses. Using typesetting ferrite systems core themes with gaps needed quantities, you can create special pin flyback converters on ferrites or on electrical Coy, transformer steel with efficiency significantly more than 100%. Technically it may be relatively simple and compact devices. Device will be composed like the usual the educator, from the same ferrite cores, transistor keys and control microcircuit plus more a number of parts common to such boards. The simplest version of the device for

uninterrupted system  
power is two or three  
battery or unit  
capacitors and converters  
a booster amplifier between  
them. In essence, this is a rewrite.  
battery row and power  
load to boot. Pocket-  
uninterrupted unit  
power self-charging type  
(autoload) for gadzhe-  
comforts of any type, toys,  
radio receivers and other  
devices of any power  
right down to the blocks  
power feed for  
mental and domestic systems  
topics including communication systems and systems  
security.

The device can be used in  
as a simple power amplifier for  
water heating. For example: they took one  
kilowatt from the net and got two for  
heating water in an electric heater  
the boiler. Paid for 1 kW, and heated  
water in the boiler at 2 kW, which is already economical  
it's just overly beneficial. In this case  
Tea for heating water is not important or often  
that, neither the form of a current is also necessary difficult  
special circuit for autonomous pi  
Tania. Although if we have from 2 kW get  
are, for example, 3 kW, then you can generally  
almost remove energy consumption from  
networks due to special electrical  
we are cutoffs. Any such simplest  
device even at a decent price  
very quickly pays off due to the price of  
electricity.

Potential market for such  
trials is huge and this many  
trillions of dollars. Say fan  
tastik, but experience is a stubborn thing and he  
fully confirms such an  
possibility TM





Electrical circuit diagram of the experiment

Installation at work. In the foreground are various  
(over windings and gaps) transgenerator options  
magnetic field

$C_1 = C_2 = 6000$  microfarads:

$R_1, R_2$  - incandescent lamps

$R_1 = 100$  W,  $U_{nom} = 36$  V

$R_2 = 60$  W,  $U_{nom} = 36$  V

Lamps  $R_1$  and  $R_2$  operate in mode

perinecal,  $R_1 \sim 110\text{--}115$  W,

$R_2 \sim 70\text{--}73$  W

K - control transistor

$D_1, D_2$  - blocking diodes

$N_1, N_2$  - winding

$N_1 \sim 50\text{--}70$  turns

$N_2 \sim 100\text{--}170$  turns

Gap between  $N_1$  and  $N_2 \sim 1.5\text{--}2.5$  mm



Installation at work. In the foreground are various  
(over windings and gaps) transgenerator options  
magnetic field



The photo clearly shows that both light bulbs are almost lit the same way. At the same time in the experiment: input power consumption DC 135 - 140 W (of which about 20 - 25%), and the net power on two lamps exceeds 200 watts. Total net power plus losses exceed 230 - 235 W at the entrance of 135-140 W

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