

# Where science does not reach, the scientific organization of work arrives, if it is applied globally. The quicksand of governments, entrepreneurs and global bureaucrats that block purification and interactive energies

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# ABSTRACT

With this article with an unusual but significant title and sub-title, I simply reply with this umpteenth open letter to the letter from the Italian Patent Office that on 04.11. 2020, he sent me a letter having the following object: Demand n. 10202000000031 Search report sent to let me know for the umpteenth time that I can't do my job as an inventor because I continue to violate the principles of energy conservation.

My answer, as usual, is long and complex, but they will not read it because they have not read anything of what I have deposited in my forty-one patent deposits, otherwise they would have understood something. This is the reason why I respond with open letters. Someone, sooner or later, in the whole world, will begin to read what I write and gradually it will be understood that on planet Earth above all the principles of energy conservation have been wrong. In particular, the thermodynamic ones: they are described as specific principles and isolated from the surrounding environment. Instead, energy conservation is another thing. It can only be understood by studying the collateral phenomena, chemical, physical, biological, electromagnetic, produced by energy production in the real and global world. Not in theoretical systems and isolated from other systems. The side effects depend, above all, on the energy source used. In the real world, energy conservation does not take place according to the rules learned by heart of the three principles of thermodynamics, but by closing all the collateral cycles that open energy production, regardless of whether it is thermal, chemical, mechanical, fluid dynamics, electromagnetic energy. Not having completely closed the open collateral cycle's means that we have never respected the true principles of energy conservation. The undersigned, on the other hand, in fifteen years has described in his patents practical examples of how the collateral cycles opened through the scientific organization of work in human homes, in chimneys, sewers, purifiers, thermal power plants and how all these systems must be connected to each other in order not to waste part of the energy in the environment, which, not finding the corresponding interactive components, are transformed into global pollution, which gradually, in addition to environmental disasters, by altering all the natural chemical and biological balances has also produced a large part of the current diseases, especially lung diseases, and viruses that attack humans and animals.

# INTRODUCTION

I do not condemn those who have not understood the need to completely close the purification and energy cycles because understanding is not simple, as the cycles are branched and transversal to the known scientific disciplines. But only by starting from the study of water purification cycles and crossing them with those of air was it possible to propose interactive cycles and it was also possible to identify the earth's interactive energy. Which perfectly respects the fundamental principles of energy, for the simple fact that it does not open the collateral cycles. Unfortunately, this energy does not respect the current hierarchies of world economic, political, and scientific powers, not being thermodynamic, chemical, biological, solar, wind, but simply physics, fluid dynamics, electromagnetic. The side effects of this energy, which is the only one not realized on planet Earth, are due only to the greater solubilisation of oxygen in water, which were already known from Henry and Dalton's laws, but are purifying effects of water. With the electromagnetic fluid dynamic energy that I propose, terrestrial matter continues to transform as it always did before industrial development, through photosynthesis and the natural carbon

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cycle. It only accelerates the speed of the energy and purification processes in proportion to the required energy production.

I only condemn those who have read my publications and do not understand them, and do not try to understand them by going into the details, asserting that they are contrary to scientific principles learned by heart that have no correspondence with real applications. I have lived at the forefront of fifty years of current development, as a designer, installer of industrial and environmental systems and inventor, in order to develop these solutions, which collide with the incredible series of mistakes committed by the world ruling class, which is silent and it hides behind the patent offices, which certainly are not represented by scientists and inventors, but by simple bureaucrats. The main mistake of the world ruling class was the choice of the primary source of world energy, which it has not yet realized, having delayed complete decarbonisation to 2050, when instead, carbonization could be completely avoided at the beginning of the twentieth century. if scientists like Einstein, and inventors like Tesla, had understood that the scientific application of the work, published by Taylor in 1911, had to be extended to the production of energy and purification, without waiting for me to do it a century later in general silence, no money for experiments and with the bureaucratic opposition of the patent offices. When public and private interests are intertwined even more than the cycles of the wrong purification and energy plants. Only Covid-19 and the many innocent victims temporarily stopped the current development model. Until?

### DESCRIPTION

Here is what I write to Italian Patent Office:

Dear Sirs, as I wrote to you in the previous letter, having filed over forty patents not realized in fifteen years of work as an inventor (which were preceded by thirty-seven years of work as a designer and installer of industrial and environmental systems), I know the main rules for the filing of patents that must meet the requirements of novelty, inventiveness and industrial applicability [1]. My inventions have all these requisites because they are not mono thematic, but synergistic, exploiting several physical principles at the same time, as has never been done in the current purification and energy plants worldwide. Therefore, the entire world patent legislation should be adapted, adding the fourth requirement, which is more important than the three existing requirements: "compatibility with the environment". The environmental non-compatibility could be accepted at the beginning of the twentieth century, not today that the entire world economy has been blocked by a very small virus because inventions and industrial and civil world infrastructures have blown up much of the world biological balance. It is shameful that world science, public and private, scientific information organs, environmental associations, denounce environmental problems, but are silent on the interactive solutions, which the undersigned has put together in a life of work in industry and in environment, without secret formulas, but simply, rationally putting together the scientific laws developed in previous centuries by leading mono thematic scientists, who did not have the time to study the synergies of their inventions with other inventions, in order to further select the best ones couplings compatible with the environment and the world economy. The life of man is too short for a scientist to fully understand the potential and limits of his own invention. These potentials and limits can only be identified by scientifically applying the organization of world work from an industrial and environmental point of view

So, in the time of the Coronavirus, all the problems caused by the monothematic scientific culture of specializations in individual sectors, which exists in world universities, multinationals, ministries, and crafts are coming out. Consequently, to grow globally, we can no longer refer to the school and the real world of work but to the virtual one, which only a very few inventors who have escaped the public and private power centers can develop, entering into the details of the organization of scientific work multidisciplinary, applied globally. Not mono thematically, as science, school and the world of work cannot do, without recognizing mistakes and correcting them [3].

It is no coincidence that the real world of work has not achieved my twenty patent deposits on interactive purification, despite the granting of fifteen patents, just as it is no coincidence that the world patent offices refuse to grant intellectual patents on interactive energies to inventors not linked to the centers of power, who propose global solutions that go beyond current specializations. It is no coincidence that no world professional paid by governments or multinationals wants to follow the work cycles outside of specific skills, to choose the best solution, not specific but global. This is because it would be necessary to change most of the world's anthropogenic plants.

It is obvious that the World Patent Offices, not being trained by schools, are in difficulty in carrying out their work. It is not obvious that the World Patent Organization does not update its rules and forces the inventors of virtual global solutions to pay real filing and maintenance fees on granted patents that no center of power is ready to implement. It is not obvious that avant-garde inventors, already in economic difficulties because no one finances them, are also forced to spend money on legal appeals, to obtain patents, which in any case no government and no multinational would finance, since global solutions are very different from specific solutions that dominate the world market. The specific solutions, not depth globally, are the cause of all global environmental disasters and even of modern viruses that attack humans today, you could say in self-defense in an impartial universal court [4-7].

Therefore, I am forced to write a second open letter to the patent office and to the Italian government in the time of the Corona Virus four months after the first, because the virus has never gone away and other viruses of animal origin that attack humans are coming, like what is produced in mink farms. It is appropriate that the Italian and world governments pay close attention to what the patent offices do, which, without having the scientific skills, hinder the spread of interactive energy, which is the only one that can reverse the process of global warming and the proliferation of viruses that will decimate the world population [8].

#### What happened this time?

It happened that after the previous open letter of the undersigned, concerning the patent application 10202000001369 (Flying and floating cars with interactive global linear motors and thrusts by Newton and Lorentz), in which the undersigned refused to modify the drafting of the patent application in order to fulfill simply bureaucratic requests, not justified by technical and scientific reasons, the Italian Patent Office, this time got the help of the most authoritative European Patent Office, to reject another intellectual invention filed under Number n. 10202000000031 entitled: "Aerospace and submarine transport system with primary and

induced interactive global linear motors". As can be seen from the titles, the two patent filings both use "primary and induced global interactive linear motors) (Figure 1).

I don't want to be misunderstood as to the reasons that led me to write this article, which some might interpret as a personal polemic against the Italian and European patent offices. This is not the problem. The problem is the silence of world science, which has become dominated by employers, both public and private, along with justice and the media. The facts that I quote in this article are only examples of the scientific uncertainty in which we live, which it is essential to clarify, above all possible doubt, not in the interest of a single case, or of a single person, but in general interest of human, animal and plant life.

To the engineering student Riccardo Vincenzoni, who wrote to me on 8 November 2020, asking me the following question: "In this period I am carrying out personal research on dynamic magneto-fluid processes, and I came across his website" www.spawhe. eu "in which he exposes personal theories. Reading your articles, however, I haven't been able to fully understand how you intend to harness the energy from hydrostatic pressure. If you are available and you like it, I would like to have a discussion with you on this subject. "

I am not a professor and I don't know if I have been rude. I answered him like this: "My theories are not personal. I'm not a genius like Einstein or Tesla. I am based above all on the practical experience of synergistic work between scientific principles legislated in the past centuries individually by many scientists of the past, but never rationally put together in the modern era due to the division of existing skills, both in the university world and in that industrial production and research in general. Having occupied myself for half of my working life with the installation of industrial plants in the automotive industry that are rigidly and transversely connected to each other by precise work cycles. In the middle of the journey of my life, I decided to change jobs and to know how environmental systems, generally designed by world public bodies, are connected to each other. Therefore, I responded to a job posting for a small company that installed and designed systems in this sector. After twenty years of work also in this sector, this company went out of business, not for bankruptcy. But simply because the owner had become old and the heirs, quite wealthy, did not want to commit to face the hard work that a company of this type has to do. Having reached the minimum requirements for retirement, I took the opportunity to start the business of an inconvenient inventor for both sectors. In fact, by applying the scientific organization of industrial work to the environmental sector, all the energy and purification plants must be scrapped. But by scientifically inserting the organization of environmental work into the industrial world, the major industrial inventions of our time also need to be scrapped. The rest you have to find out for yourself by reading chronologically (from the oldest to the most recent date) the publications and inventions published in the map of the website that I am attaching to you, which you can also find at the bottom of the article that acts as the Home page: "Permanent open letter".

I don't know if Riccardo Vincenzoni followed my advice, but I really think that to understand the overall functioning of fluid dynamic systems it is necessary to go into the details of the physical and chemical characteristics of the interacting components and based on these characteristics, the machines that they are

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used to raise the water, purify and produce energy interactively. In other words, the single scientific physical, chemical, thermodynamic, fluid dynamic principle must be inserted in a global cycle, as occurs in nature with the general cycles of photosynthesis and carbon. The machines that designers and inventors must design must only serve to accelerate the natural purification, food production (artificial welling) and energy processes. Not to transform the matter that must continue to happen according to natural processes.

In addition to the two refusals to understand new ways of dealing with space flight and undersea navigation, which clearly embarrass patent examiners, there are also other examples, much more terrestrial and understandable, which have also not been understood, without the world institutional bodies moving a finger to separate the intellectual property (not understandable by the patent offices) from the industrial property which with the approval of the world patent offices has produced the environmental disasters we know.

First example of interactive energy understood

Today, to raise the water, pumps are used that absorb energy, to purify the water, blowers or air compressors are used that feed submerged air diffusers which also absorb energy, while to produce energy, fuels are used that produce heat which in turn produces steam, which at a certain pressure is circulated through steam turbines or combustion gases which, connected to power generators, produce the electricity that the pumps and compressors consume. Consequently, to raise and purify the water, we consume natural resources extracted from the subsoil and pollute the air with combustion gases and CO2 and steam emissions which are two greenhouse gases. The current division of the skills of specialists has created different machines and different and separate plants. Instead, by studying the organization of work globally, it is possible to raise water, purify it at the same time using the principles of Henry and Dalton and also produce energy without consuming natural resources and without polluting the air with combustion gases and without emitting steam and CO2 in the atmosphere.

Therefore, it is important to know how to globally design the anthropic systems and the machines that are used to create complete cycles. It is not enough to memorize scientific principles separately from each other, as is the case in world schools. Above all, it is necessary to know how to connect them together, identifying the weak points where the low pressure liquid can enter the high pressure liquid, but also to identify the dynamic fluid path that consumes less energy by the pump and the most advantageous one to produce anergy through the turbine. To design systems globally, there are many more tools that mono thematic specialists and multinationals have not used, completely mistaking the world development model. These tools are called density, flexibility, compressibility, incompressibility. Then there are the scientific principles already legislated and tested by Pascal, Torricelli, Venturi, Henry, Dalton, Newton, Maxwell, Faraday, Tesla, Edison, which must also be selected and chosen on a case-bycase basis to work together in the best way. If, as happened on planet earth, monothematic designs and inventions have been accepted, we must not complain, if they do not close all the cycles they open, especially of a chemical nature. The inventive novelty requirements that patent offices demand are fine for artists, industrial applicability is fine for entrepreneurs. the environmental

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compatibility and sustainability of inventions the world patent offices do not even know what they are.

All the world's plants, in one way or another, work, but nobody notices that they are very poorly designed: they waste resources and produce pollution. In an energy-producing fluid-dynamic system, the power is due to the product of the flow rate and the density times the pressure of the fluid, it should be obvious that if we want to produce energy we have to circulate the liquid which has a density about a thousand times higher than a gas, as it should be logical that it must circulate in the direction of the gravitational force. If we want to save energy to raise the waters we have to circumvent the gravitational force by inserting them in the one- way recycling circuit of always full plants that also prevent the famous water hammer from happening. If with the same system (in an open vessel) and with the same water, we also want to produce energy, we must produce it by dropping it from the overflow by passing it through a hydraulic turbine, recovering it at atmospheric pressure and inserting it back into the circuit through the only weak point in which it can be inserted, which is the center of the impeller of the recycling pump, where two phenomena occur simultaneously: an increase in the speed of the flow and a depression, which together can allow the entry of the external fluid provided that this flow is clearly separated from the main flow and that the two flows meet only in the rotating impeller, so that they can proceed together in the same direction.

If, on the other hand, we want to purify the water locally without raising it producing energy, we must create a compressed hydroelectric plant, where the water that produces energy is expelled by the principle of impenetrability of the bodies, from a pressurized autoclave with compressed air. Which with this water powers a hydraulic turbine that produces electricity. We must recover the water at atmospheric pressure and insert it back into the one-way recycling circuit by means of the aforementioned pump with the double separate power supply up to the impeller.

Unfortunately these concepts, more practical than theoretical, never entered schools and the world of work. I do not apologize to the Italian and European Patent Office, if I use them as scape-goats for the errors of public and private world science, because I myself am a scapegoat for such errors. In fact, I have been working for fifteen years without being paid by anyone and up to now I have even lost something like 20,000 euros just to file national and international patents which, even when they have obtained the patents, are silenced by science. Is it real science? Real politics? Real economy?

It is not yet known if I am right or wrong. It seems that the only one who wants to ascertain the truth is myself, but without paying legal recourses, just as I don't pay the maintenance fees for the patents that have been granted to me and that nobody wants to implement. Isn't it enough that I have filed in black and white how to design interactive purification and energy plants in the interest of all? The world public authorities must be the ones to prove me wrong. The Patent Offices must simply keep the documentation received, because I do not claim industrial property but intellectual property, if this intellectual property also has an economic value, the international judges will have to judge it, but only after the global scientific truth has been ascertained, which today no one wants to ascertain, if the undersigned is excluded.

Second example of interactive energy understood

The figure below belongs to a patent filing entitled "submerged

hydroelectric plants for the production of energy, oxygenation of the seabed and artificial welling" filed on 06.10.2014 with no. CE2014A000012. In this drawing I have simply put in series an inverted dewatering pump, which pumps down and under it a submerged ducted turbine. Explaining in the description that the pump absorbs less energy because it takes advantage of the hydrostatic head on the suction side, the gravitational force and atmospheric pressure, while the turbine produces a greater amount of energy because it exploits all the kinetic energy that develops in the descent pipe by the concurrence of these three advantageous conditions. Obviously, the turbine absorbs the kinetic energy producing mechanical energy that makes the built-in current generator spin. Therefore the speed of the water at the turbine outlet is slowed down. The pressure drop of the water at the turbine outlet is due only to this speed that can be calculated with the formula V2/2 g, where g is the acceleration of gravity (9.81 m/ s2). The hydrostatic head at the turbine outlet does not oppose the water outlet because the internal and external static pressures of the descent pipe are the same (Figure 2).

The Italian patent office with the ministerial letter dated 26.05.2015, Prot. N.77232, in the written opinion, denied the industrial applicability of the invention, since, according to the examiners, the invention cannot be understood by a person skilled in the art. The examiners assert that "the energy would be created from nothing, such as in a" perpetuum mobile "and therefore violates the law of conservation of energy. The justifications of the undersigned, which I summarize below, were useless:

"The fact that the examiners have not found previous patents that produce energy by means of the combination of pumps and turbines, does not mean that the solution cannot be achieved. If they had found other inventions that used the same system, they would have had confirmation of industrial application but the requirements of inventiveness and novelty would have failed. On the other hand, in this invention, once the technical doubts of the examiners have been clarified, the industrial applicability of the system is even more evident than the novelty and inventiveness, since it would allow the production of energy with very low costs, not only without polluting the environment but protecting the waters from the eutrophication phenomenon. The reason why this invention has not yet been realized despite its simplicity is due to the fact that it was necessary to put together four more practical than theoretical intuitions at the same time: 1) the exploitation for energy purposes of the positive hydrostatic head of existing water basins; 2) vertical intubation of the circuit; 3) overturning the pump to push the water down; 4) powering a turbine by means of a pump is the only way to overcome the state of inertia, but the energy cost is negligible compared to the energy produced. Without the coincidence of these four practical intuitions, which find irrefutable scientific evidence, it would not have been possible to defeat age-old technical taboos, which have prevented energy from being produced in the simplest, cheapest and cleanest way in the world. "Without unnecessary pollution by fossil fuels, without billionaire investments in large hydraulic works to produce useless hydraulic jumps and without financing uneconomic energies, which subtract investments from social well-being". Unfortunately six years after this patent filing we are still at the starting point.

Third example of misunderstood interactive energy

With the same reasons, the filing of the patent CE2014A000011 dated 03/09/2014 entitled "Marine dewatering plants suspended

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from floating platforms for down and upwelling" was also rejected (Figure 3). Of which I am attaching the drawing:

The failure to grant these very simple intellectual patents very useful both from the purification point of view, as well as from the point of view of human food production and clean and sustainable energy, made me understand, in what bad state the entire world school education in fluid dynamics is, therefore, I decided to create a website (SPAWHE.EU) where I would publish all my patent deposits, granted and not granted, and all the publications that I would also write in the following years. I have studied these topics more and more. up to the artificial oxygenating heart of the blood, and the interactive global linear motors, which will also take us into space, better than nuclear energy, because the primary energy source is water and air.

Water and air can be recycled indefinitely and can also produce human nutrition through chlorophyll photosynthesis on board the greenhouses that are incorporated into future means of space transport, which according to the scientific study of the organization of global work, carried out by undersigned, will be very

different from those seen in science fiction films, and also very different from the rockets produced by NASA and SPACE X. For myself, it is more logical that they are simple containers specialized in specific sectors, transported by motorized looms equipped externally by interactive global line engines that simultaneously realize the thrust of Newton and Lorentz. But we must ask ourselves, if the Italian and European patent offices have declared perpetual motion the very simple submerged hydroelectric plant published in 2014, how can it be possible that the same patent offices could understand an aerospace and submarine transport system that uses global linear motors that do they extract the primary energy of the environment?

For these reasons, I advised the student Riccardo Vincenzoni to read SPAWHE entirely, starting from the beginning, because interactive fluid dynamics systems must enter the cultural DNA of future generations if they want to remedy the errors that produced my generation, the previous one and that one. next one. It is not enough to understand how the air pressure statically acts on the water together with the gravitational force. We can also understand this by observing the principle of communicating vessels, or by observing the artesian wells, or by reading the formulas developed by Evangelista Torricelli in the sixteenth century. In the modern era, science has let slip the study of the possible synergies between the same principles of Torricelli and those of Pascal, Henry and the construction technologies of pumps, turbines, and those related to electromagnetism, which produced current generators and electric motors, unfortunately, powered by a primary energy source linked to the heat produced with coal and fuels that are not only polluting, but also have low energy yields, compared to the calorific value. The efficiency of a heat engine or a steam boiler is around 35% of the lower calorific value of the fuel, not to mention that the fuels must be extracted from the ground, transformed, marketed and subsequently purified from the pollution they produce.

If those who created the universe had not given us free will, for a long time they would have sent extraordinary commissioners to design and manage earth's resources more rationally. Instead, in order not to be too invasive of temporal power, he used the son of a simple carpenter. Two thousand years later, unknowingly, I find

myself involved in this international hindrance that I am a simple retiree, former designer and installer of systems, who has turned into an inventor precisely to correct the incomplete inventions of science, which obviously does not make practical sense of the world labor organization. If God sent me, I cannot say, but until someone authoritatively denies me, I believe that intellectual patents, which today are not recognized by WIPO, are the only impartial and above the interests of individual multinationals and governments, which together are destroying the planet. These patents are not for profit, but isn't it strange that copyrights are also granted to those who write a simple song, but not to inventors who are not linked to the centers of power? How can lawmakers think that private inventors must become entrepreneurs to solve the great environmental problems that have created world governments and multinationals and at the same time also pay the patent maintenance fees that multinationals pay? Isn't it strange that no official of any world government in the world, after six years, wanted to try to make the pumps work with the head in the direction of gravitational force and put a turbine behind it? To check if I am wrong or right, at least on the most basic things? These are the real causes of global warming and Covid-19.

The right hand of world institutions does not know what the left is doing when planning and legislating. Then they call heroes the unwitting victims of mafias, terrorism, viruses, floods, so that with rhetorical words they preserve the electoral consensus and political power, to continue to govern without changing anything substantial so as not to disturb the world stock exchanges World politicians only in emergencies really govern to limit the damage. But the correct way to govern should start from the ability to globally plan the society of the future. Design is not done as election campaigns are done, but by entering into the industrial, environmental and energy details of all human activities, always choosing the best solutions, not for the entrepreneurs or multinationals concerned, but for the entire world community. The work of designers and inventors should be characterized by impartial transversal global reasoning that the current inventor scientists linked to the existing centers of power, which in one way or another, have produced global warming, favored floods, droughts, and cannot afford to do., deforestation, and altered biochemical balances and plant and animal biodiversity, precisely due to the fact that, having not reasoned globally, they have not identified the interactive systems that today they ignore or pretend not to understand, while politicians do not really understand them, receiving from their scientific advisers partial information.

Especially the Italian and European Patent Offices having examined in fifteen years, all my patents on purification and interactive energies, should have formed a culture on these topics, however, they do not even read all the written pages and probably, they do not even look at the drawings. Indeed. in the case of the Aerospace and Submarine Transport System with primary and induced interactive global linear motors, which should have seriously examined, the European examiner has shown that he has not read the entire documentation, despite the fact that the undersigned has also transmitted the translation in English and not knowing how to read the drawings, as the system is open, not closed.

In this system there are two concentric vertical tanks, of which only the internal one is pressurized with compressed air, while the external one is at atmospheric pressure. Then, the water which is the energy carrier is expelled from the pressurized tank, passes

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through a pump used as a turbine (connected to a power generator), and discharged into the non-pressurized tank, from which it is introduced back into the pressurized tank by means of a pump with separate double power supply up to the impeller. This type of pump is the only one that can allow water to be inserted at low pressure in the pressurized recycling circuit at a higher pressure, but it can only do so, when the outlet that feeds the turbine (or the pump used as a turbine) is open, because the expulsion takes place with the maximum pressure, due to the Pascal principle and the impenetrability of the bodies, while inside the rotating impeller, the low and maximum pressure waters mix and come out with the maximum pressure always because of Pascal's principle.

## CONCLUSIONS

False environmental and energy solutions have invaded the world with great advertisements, because no one in the world has taught the world that man-made plants must be designed globally, choosing the best scientific principles and the best technologies available on a case by case basis. This can be done by knowing globally scientifically, at the same time, the organization of industrial and environmental work. There are no alternatives. Either the inventions are produced collectively, bringing together many specialists, or only retirees who have accumulated experience across different sectors can be inventors. But human life is too short to use this solution, at least until man realizes the invention of the artificial heart oxygenator of the blood which, as we have seen, has been decimated by the Italian patent office, without even asking for help.

For myself, the mobile barrier that must protect Venice from high waters is also a wrong invention. Suffice it to say that it cost 6 billion euros. Wouldn't it have been logical to first experiment with my solution which would have cost at least ten times less, would have produced energy instead of consuming it, and would have also purified the polluted water of the sea by producing oxygenation of the seabed?

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