INVENTIONS.

REALITY.

FANTASY.

RANDOM.

UNIFORM.

1:    Here presented just five main words Prof. Searl uses. How does he accept their meaning?

2:    **INVENTION.**

The discovery or production of some new or improved process or machine; it can also apply to a fabrication or a lie.

3:    **REALITY.**

The state of things as they are; or appear to be, rather then as one might wish them to be. Something that is real: that which exists, independent of human awareness. The totality of facts: actually.

Reality leaves me with problems such as:

How came I to be?

What am I?

To serve what purpose did I come?

To go again.

How can I learn aught-knowing?

4:    **FANTASY.**

Imagination unrestricted by reality fantasy world a creation of the imagination a weird or bizarre one.

A series of pleasing mental images, usually serving to fulfil a need not gratified in reality. Which there are millions of people who rely upon this function to be able to survive upon this planet sadly I have to say.

Whimsical - or far-fetched notion - or an illusion - or phantom - a highly elaborate imaginative design or creation.

Let me give two true facts from life examples of this issue.

1.

After my day long lecture that I gave at the Middlesex University, on Sunday 10th of March 1996, the man filming this lecture from Hollywood and a member of my team at that time did took it in turns to phone both Dr Edwards and Gunnar Sandburg at the Sussex University about John Searl and this is their reply:

Gunnar Sandburg quote "The SEG is like the first motor car and Brain Collins engine is like a roll Royce engine" –unquote - REALITY – Brain Collins has never made such an engine that is FACT. Shows clearly that big money offers create lots of crap!

Dr Edwards quote " Searl is a strange man he lives in the world of fantasy, he has never had anything then or now" Unquote. Really?

The funny side of these two quotes was upon that day Hollywood actually film the voltage from the UK sample plus that from the German sample.

Who actually live in the world of fantasy?

The experts or the inventors?

I feel certain that in any court would agree that Dr Edwards clearly was slandering me presenting to those who make inquiries upon my claims nothing more than defamation of character,

I think that you agree with that statement following the demonstration on youtube.com and swallowcommand.com plus searlsolution.com.

Clearly Dr. Edwards made it clear that he had not been informed by Gunnar Sandburg all the facts that were presented by my witnesses when we called upon them at the university.

Dealing with facts I have to add that after we ended our discussions Dr. Edwards took us to his research place to demonstrate his linear motor conveyor belt system. To me at least it was interesting to see. Let me make one more statement before I leave them. I did agree that once Brain Collins contract was ended and gone that I would be prepared to go there and construct the SEG. Sadly to state: that they never did offer me the chance to prove my points –WHY?

Maybe the truth was I could not promise them vast sums of money like Brain Collins did knowing how he works.

5:   **RANDOM.**

Lacking any definite plan: - or prearranged order - haphazard; a random selection. Having a value which cannot be determined: but only described in terms of probability.

Chosen without regard to any characteristics of the individual members of the population: so that each has an equal chance of being selected.

How does this apply to the SEG?

I can understand your problem upon this issue: that surely just a set of numbers could have any relation to such developments as the S.E.G.

Any mathematic system will do it regardless – all I can say to that statement is good luck to you. How I wish you could; as the world is in urgent need of such technology.

Random state:

1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	16

No.1.

There are ten lines of four values in which each line has a different sum value.

This state is random and useless for a design of a SEG or an I.G.V.

Records held by monks show that this form of mathematics ceased to be used over 5,000 years ago. In that case how did Prof. Searl obtain this knowledge?

It is not taught in schools – so how did he know how to do this – or in fact that any one would know how to do it. Of cause today many people have been taught by Prof. Searl on how to do them. So it is no longer a mystery except to the fact how did Searl obtain such information?

2.

6:     **UNIFORM.**

To make uniform could be explained as a prescribe set of clothes for the members of an organisation such as soldiers or school children.

So how would that apply to the SEG?

You have seen how the values are shown on page 2 example 1.

6	12	3	13
15	1	10	8
9	7	16	2
4	14	5	11

No 2.

In this version each of the 10 set of four values come to 34 thus Searl states it's in uniform motion. This precise system Prof. Searl class as the SPACE FRAME MODE.

The Law of the Squares states: that in all things within this universe; as a structure must contain two prime states, often one will be greater then the other.

Does random and uniform state agree with this law?

Yes it does – there are two states present within this system of mathematics, above is the SPACE FRAME MODE so I shall now attempt to perform the TIME FRAME MODE within this system of mathematics.

You will see that quite a difference appearance of the structure to that of the SPACE TIME MODE

First let me explain that the squares start at 3 Square and continue to infinity.

3.

131	287	53	313
365	1	235	183
209	157	391	27
79	339	105	261

No 3.

This is the TIME FRAME mode clearly the law of the squares is up held as the Time Frame is clearly greater then the space frame mode.

Whereby Figure 2: special line steps by 3 only as does all SPACE FRAME MODE will regardless of the values.

Where within the TIME FRAME MODE it can only step in groups of 3; the above sample shows 26 sets of 3 present in its function.

In logic it can pump out 26 times more effort then the space frame mode can do.

With the Square 4 group construction regardless of values used:

There are 4 horizontal lines of 4 values that equal the same sum each.

There are 4 vertical columns of 4 values which equals the same sum each.

There are 2 diagonal lines of 4 values which equal the same sum each

The centre 4 values also equal the same value.

The 4 corners values add to the same value.

The outer 12 values will produce a sum 3 times of the line value

In the sample shown the line value = 784

Therefore the 12 outer values = 2,352

These squares form cooper pairs Example square 3 and square 4 are constructed of 2 shells each, where square 5 and square 6 are constructed from 3 shells each. And so on.

7: I trust that this short explanation on what these 5 words impress upon my brain and I sincerely trust that wherever you see me use them you will understand what I mean by the statement where they are contain.

8: On youtube.com and other news boards one can not help seeing remarks which a court could label being slander but in this report I am not wasting time on those people they are not worth it.

What I would like to answer is the one which followed my video on youtube.com dealing with the fact that since 1946 to this present time this work has been blocked by so call experts with their know all stating that this breaks all the laws of physics and that the rollers would not stay on the plate and if they do they would short off if they move..

The purpose was to prove to the public if these experts were right for its rare for them to be so. As I knew the test would prove positive that again they have made themselves fools without doubt it did not break the laws of physics as stated by Sir Isaac Newton who was an English scientist (1643 – 1727) set out with his three laws of motion.

Upon that first clip I simply show the proof of just one force with intent to carry on with another video clip with that point but again I have been let down the camera man failed to come to produce it.

So I shall attempt to inform you what I had intended to explain in that clip. The clip you watch shows that the force acting on the plate is very narrow, likewise the force of the plate acting upon that mass was also very narrow and the plate was able to support that weight of the roller in fact it was able to support 12 separate masses or weight without them dropping down.

So the statement that has been made by these experts since 1946 was proven wrong. Not only that their statement that they would fly off failed to materialised, thus they second claim was down the loo.

When the 5 volt load was applied they all instant started to move and accelerated to 200 RPM. But no matter how long you run those 12 rollers for; not one of them flew off. Thus the third statement by these experts went down the loo.

The next clip was to ask you question as the law of the squares state that there are 4 forces acting in pairs at right angles to each other. One of which is clearly gravity but what is the opposite force that must be equal to it?

I only quoted one pair of forces which were: magnetism negative and magnetism positive being opposite and equal which I agree that Newton's statement is confirm absolute correct.

Yet after that demonstration on youtube there was a statement appeared on youtube making a claim that Sir Isaac Newton was wrong. A strange statement to have been made: after that demonstration.

My understanding upon life:

It's not so much, how far you go,
As what you see and hear as you go.
It's not so much, how much you see,
As what you learn from what you see.
It's not so much, how much you learn,
As what you do with what you learn.
From what you see and hear as you go.

9:

10:     There is one major point before I continue on this subject and that is:

I shall not be taken in by kind words alone.
Nor by the threat of slander or libel by those who think they can win.
But let them prove themselves by their actions.
Thereby, I shall be able to choose those persons,
Who live up to the standards which are just and proper.

11:   FACTS: My understanding.

I must admit that I never had ever heard of this man Isaac Newton until the end part of August 1968; when one of the visitors to my day show brought up his name in my lecture to me; to say that this project the S.E.G would break his laws of motion.

Stump for an answer as I had no idea what his laws were – listening to others talking about the S.E.G it was clear they never knew either about his laws of motion.

Let me confirm here; that this man created a problem for me, as I was about to start the Manned Flight Division section to study a suitable class of vehicle that would meet the needs of commercial space exploration.

So I had to find out fast what dear old Isaac Newton had stated – and behold: what you know he was stating what I knew from my research studies – what a surprise – why was I worried about this man's statement who attended my show.

I worried because I was no longer going to play games with models it was to be manned; that is quite a different kettle of fish. If there was some problem which I knew not of then now was the time to find it.

Upon the study of Isaac Newton's laws of motion there appear nothing that impressed upon my mind that there was any problem with the plan to go ahead with Star Ship Ezekiel MK V. I then announced that my plan would commence and grounds for its development turned up.

During the time of my announcement of the start of the project to the time the site became available I was on my own constructing the 128 struts to be of Demo one; a true model for the manned craft to be Star Ship Ezekiel MK V.

Publicity shot ahead and a team was formed; which brought about the site that was cleared for the work - named Star Port Earth One. This work was open for the media to watch and film, which they did on a level that I had never expected. And to my surprise: even won a television award for outstanding achievement against others taking part in that program and it was live.

Time flew by and Demo One grew and so did the publicity in step with it. Unfortunate the owner of the site demanded 90% of the cash that was available for the work. Sadly to say that the work came to end with the team and I continue the best that I could.

But an interesting event took place: a Jewish company happen to see a TV newsflash of one of the crafts and phone to say they wanted to order one for transporting goods from one place to another. Could he and his finance manager come to discuss a contract to which I reply that Sunday would be the best day – please note that the team had not been sacked – so I phoned them to come on Sunday to discuss this contract and finances with them.

Yes this was the very first time that any real company wanted to use this technology.

So now that real money was on the table I expected the team to arrive early to discuss the coming event. Sadly to state that the company team did arrive but none of my team did.
I phone Tony whose wife answered to say that Peter Barrett had instructed them that they would not be required that day so he had gone out for the day. Thus I phone all to instruct them to be here next Sunday and informing the company that I was sorry that they had wasted their day but the next Sunday could be met for a discussion.

Upon the next Sunday that Company arrived again none of my team arrived, I phoned them to be given that same statement; so I told them they were sack doesn't bother to come any more. The firm said that they had understood that I had a team that they had come out on Sunday which they don't work just to complete a contract. It appears that you do not have a team. So we shall not be coming again.

12:     Wondering what Peter Barrett was up too I contacted Sydney Stone of Roll Royce engines department if he would pay a visit to Peter Barrett and see what was going on. Sydney reported back that Peter Barrett had a team working at his place building a model disc which was at the same stage of construction that Demo One was. It appears that doing Sydney Stone discussion with Peter Barrett that he was trying to beat Searl by completing his first; he would get a Master degree in science. Barrett could not allow me to be first clearly his glory was far more important then team work. Where team work was and still is most important part of the whole to me.

13:     **DEMO ONE at STAR PORT EARTH ONE.**

Is it possible for man to travel faster, cheaper, and safer then by rocket?

Most definitely - YES.

But there is nothing that can be done to examine any such process until some ingenious person first thinks it up.

14: SIR ISAAC NEWTON (1643-1727).

The question I ask you is if under normal life cycle would Isaac Newton had created his three laws of motion?

NO, I doubt that he would had done, because certain data has to be in stored within the brain, without such data there is nothing your brain can do just like this PC.

Another key factor is that triggers which are switches to the brain store house have to fire up.

So what did happen that brought about the right conditions for his success, where those before him had failed?

First trigger was due to the Black Death and the heads of education voted to close universities and schools in the effort to stop it spreading.

So until the schools open again Isaac had no choice but to return home to his parent's farm as I understand the situation. But Isaac did not like farming which his father did. Thus the second trigger took hold which was boredom. Boredom is a strange world to an active mind don't I know that from experience – boredom is a killer.

I can only assume that he being in university was studying for a degree – boredom would be hell to a man educated like him. I can only assume that he was given the ok to take other experts scientific reports home to study.

The story that an apple fell on his head is most unlikely. Terms being used at that time were a cocktail to understand I believe that the other triggers that were needed where there in the reports he was reading. That he saw the solutions needed to understand the functions of forces. Thus was able to turn random state into some uniform structure from which we all can create products.

15: S.E.G. and I.G.V. contains some common functions.

These we shall study first and the forces will be those which will be class as:

NEWTON'S LAWS of DYNAMICS.

MOMENTUM and FORCE.

The discovery of the laws of dynamics, or the laws of motion, was a dramatic moment in the history of science.

To my understanding: that before Newton's time, the motions of things like the planets were a mystery, but after Newton there was complete understanding.

Even the slight deviations from Kepler's laws, due to the perturbations of the planets, were computable.

To be able to understand the functions involved within the S.E.G. needs much knowledge.

The motions of pendulums, oscillators with springs and weights in them, and so on, can all be analyzed completely after Newton's laws were enunciated.

16:     Before 1968 I could not calculate how a mass on a spring would move; much less could I calculate the perturbations on the planet Uranus due to Jupiter and Saturn.

Of cause there was a reason why – the required data had never been filed in my brain – simply that the teachers never had it filed in their brain either – nor were they interested in such subjects. If they had such data in their brain there was nothing they could do because there was another problem as I am deaf so I would not had been able to understand what they were saying in any case – but the reality was they did not know and certainly were not interested in the subject. I can well understand their position Thorndon was just a common farming area and such subjects were not necessary for farming.

I hope that from this period onwards I shall require the knowledge on how to compute not only the motion of the oscillating mass, but also the perturbations on the planet Uranus produced by Jupiter and Saturn!

I am also concern about the effects of Jupiter upon the planet Earth, which before 1968 scientists believed that it had no effects – I was not convinced upon their claims and studied our yearly cycle and from where I stand I accept that Jupiter does have a great effects upon planet Earth – which I have voiced my feelings in my books in the past.

17:     Galileo 1564 – 1642 Italian astronomer and physicist made a great advance in the understanding of motion when he discovered the principle of **inertia**: If an object is left alone (like me most of the time), is not disturbed, it continues to move with a constant velocity in a straight line if it was originally moving, or it continues to stand still.

Just for the records I accept in realty that others before him also knew this as a fact but religion sealed their mouth piece in those times you never let others know what you were thinking; if it was different to the church claims. But Galileo only allow his knowledge to leak out when he was approaching the end of his life which saved him from being put to death. But he was sentence to house arrest he was not free to move about like you and me.

Lucky for use that today the church can not burn you at the stake as a public entertainment as they did in the past because you found out that they were wrong about some issue and you try to correct it. Of cause that still go on in a different way it's now called terrorists which is still religion by those who have nothing better to do; so they fill their time up having fun killing as many people at a time that they can; and to my mind the governments don't mind at all what they do.

Agree the governments wish to be seen as feeling sorry for those who die; but are they really sorry, they do not do anything positive about the situation but talk promises but in reality nothing of real value have I witnessed has been done to halt this trade in human lost.

18:     Clearly to my mind Isaac Newton studied Galileo papers and other from which he created his three maim laws. We all have to study past great minds achievements that also include me; today I need to study millions of reports from thousands of sources otherwise the SET would not be possible to be achieved which is a fact. So do we actually invent?

Or are we just transforming known data into a new format which we can extend upon?
To my mind that is what Isaac Newton done and surely that is precisely what I am doing.
Transforming data of the past into a new format which can be extended upon now.

19:     Of cause this never appears to be the case in nature, because I know and you know that if we slide a block across a table it stops, WHY?   A GOOD QUESTION.

The answer is simple; that is because it is not left to itself - as it is rubbing against the table. Unfortunate for us it requires a certain imagination to find the right rule, and that bit of imagination was supplied by Galileo – bless him.

But do not go away thinking that he was the only one that used imagination as a tool because every inventor has to do likewise which also includes me. Its often through dreaming most of us obtain the function of our imagination unit to boot up to rearranged data stored there into a different format and if we can remember that next day you most likely become an inventor.

20:     An important point to remember in relation to the Inverse – Gravity – Vehicle (I-G-V) and the Searl Effect generator (S-E-G). This technology is complex due to the very nature of its structure/s and all the individual contained functions which must perform as one.

Yes today the same requirement is needed; that is if we do re-start the space investigation of a concept that would meet all requirements of a commercial deep space penetration missions. We have no option but to re-peat what was achieved in the past only with up to date materials, equipment and tooling. Unfortunate I would expect the cost since 1968 has gone up by 100 times that of that period cost, if not more.

21:     Of course, the next thing which is needed is a rule for finding how an object changes its speed if something is effecting it, This is an important issue for Star Ship Explorer should this program go ahead in Thailand as it is under discussion and the large board of 10m are being prepared already for its go ahead – which has never happen in the past – I guess we all have to accept regardless they are determined to develop it, which was started at Star Port Earth One so long ago in 1968 with the Demo One Project which at that time created mass publicity of a nature that could had never been expected.

22:     To be or not to be is a major problem – it implies that your have to make the correct choice.

Otherwise you will fail in your objective – making the correct choice in both subjects of the S.E.G. or the I.G.V. calls for the knowledge of hundreds of people most which are long been dead and those who are around me today.

23:     That is the contribution of Sir Isaac Newton – bless him!

Newton wrote down three laws – not especially for me – but for all those who would or are using motion for their business.

To my own understanding: that the First Law was nothing more then a mere restatement of the Galilean principle of inertia which I have just quoted above.

Which we know that the USA air force at Edward Air Base refused to fund the I.G.V project because of the lack of inertia.

To my understanding: The Second Law gave a specific way of determining how the velocity changes under different influences called FORCES.

This mock up was built for just that purpose to study the forces acting due to the very nature of its structure and functions here in Thailand by a member and his family. Unfortunate due to the operation of an S.E.G. is not possible to study. It still remains in Thailand at this time Monday 23rd July 2007: For important people there to see.

Glad to be able to confirm that it served its objective and given us all the data we seek from it which only confirmed that what I have been stating since 1946 was indeed correct with the values needed from which will help us to design and construct other devices in the future. From my chair here in London there is going to be a massive R&D program put into action.

11.

24: To my understanding: The Third Law describes the forces to some extent, and I shall discuss that at another time. Simple because the S.E.G. is such a complex force device which at this time other good wishers are trying to unravel them and set them out in a report that can be understood by most at least I can only hope that it will achieve that desire.

In this report I shall discuss only the Second Law, which asserts that the motion of an object is changed by forces in this way:

The time-rate-of-change of a quantity called Momentum is proportional to the force.

I shall state this mathematically I hope soon, but let me first try to explain the idea the best way that I can.

To my understanding *momentum* is not the same as *velocity.*

Problem one to understand.

Unfortunate I have to state that there are a lot of words which are used in physics, and they have precise meanings in physics, although they may not have such precise meanings in everyday language.

To my knowledge *momentum* is just one of the examples; and somehow I must try to define it precisely.

If I exert a certain push with my arms on an object that is light, it moves easily – I feel certain that you will agree upon that statement from your own experience.

But if I push just as hard on another object that is much heavier in the usual sense, then I discover that it moves less rapidly. Again I expect that you will also agree to that statement from your own actually experience.

Actually, I am afraid to say that those two terms used above are really unacceptable and I need to change the words from "light" and "heavy" to *less massive* and *more massive*: **WHY?**

Because: as far as me understanding it there is a difference to be understood between "*weight*" of an object and its "*inertia*".

In Reality; how hard it is to get it going in one thing, and how much it weighs is something else; to which I can personal certify from hand on experience is true.

Weight and *inertia* are *proportional*, and on the earth's surface as I understand it is often taken to be numerically equal, I would guess that will cause certain confusion to the student.

As planet Mars has been a key subject with in many of my books of the past, I feel that I ought to make a small incision here to state to my knowledge on Mars, *weights* would be different but the force needed to overcome inertia would be the same.

25: I use the term *mass* as a quantitative measure of *inertia,* and I could measure *mass,* for example, by swinging an object in a circle at a certain speed; which no doubt like me you have done that at school in the play ground – but in this case I can measure how much force I need to keep it in the circle. I agree that you will find a certain quantity of mass for every object. Clearly that statement creates a problem for both the S-E-G. Plus the I-G-V.

Because well back there during 1968 Peter Barrett wrote a technical paper in which he stated that there appears no inertia present. Well he was a science teacher.

26:     Now to my knowledge *momentum* of an object is a product of two parts:

1.   Its **mass**
2.   its **velocity**

Thus to my understanding Newton's Second Law may be written mathematically this way:

$$F = \frac{d}{dt}(mv).$$

To my mind that now there are several points to be considered.

In writing down any law such as this, I have to use many intuitive ideas, and unfortunate assumptions which are at first combined approximately into our "law".

Later I may have to come back and study in greater detail exactly what each term means, but if I try to do this too soon I shall get confused – wouldn't you likewise?

To my mind I need to take at this beginning several things for granted – which is unfortunate.

FIRST, that the **mass** of the object is **constant**; in reality it isn't true.

13.

But I shall start out with the Newtonian approximation that *mass* is *constant,* the same all the time, and that, further, when I put two objects together, their *masses* add.

27:   To my understanding this idea was of course implied by Isaac Newton when he wrote his equation, for otherwise it is meaningless.

For example, suppose the *mass* varied inversely as the velocity; then the momentum would never change in any circumstance, so the law means nothing unless I know how the *masses* changes with *velocity.*

There is nothing which I can say at first except that *it does not change.*

Then I know there are some implications concerning *force.*

I accept the opinion that as a rough approximation I think of *force* as a kind of *push* or *pull* that I make with my muscles, but I can define it more accurately now that I have this law of *motion.*

The most important thing to my mind is to realise is that this relationship involves not only *changes in the magnitude* of the *momentum* or of the *velocity* but also in their *direction*.

28:   I accept the opinion that if the *mass* is *constant,* than equation above page 13 could be written as:

$$F = m\frac{dv}{dt} = ma.$$

Why not?

The acceleration **a** is the rate of *change* of the *velocity,* and to my understanding Newton's Second Law says more than that the effect of a given *force* varies inversely as the *mass:* it appears to suggest also that the *direction* of the *change* in the *velocity* and the *direction* of the *force* are the same.

Therefore I must understand that a *change* in a *velocity:* or *acceleration* has a wider meaning than in common language.

The *velocity* of a moving object can *change* by its speeding up, slowing down (when it slows down, I say it *accelerates* with a *negative acceleration*), or *changing* its *direction* of *motion.*

I accept the opinion that an object moving in a circle of radius *R* with a certain *speed υ* along the circle falls away from the straight line path by a *distance* equal to:

$$\frac{1}{2}(v^2/R)t^2$$

If *t* is very small.

29:     To my understanding the formula for *acceleration* at *right angles* to the *motion* is:

$$a = v^2/R,$$

And a *force* at *right angles* to the *velocity* will cause an object to move in a curved path whose *radius* or *curvature* can be found by dividing the *force* by the *mass* to get the *acceleration,* and then using formula in paragraph 29.

Look up high the future is bright with technology yet to come, by the tomorrow's people.

People who care about the welfare of Planet Earth: who are working to create a better world for all mankind regard less.

Developing tomorrow's energy and transportation systems today.

This end PART ONE: of the Isaac Newton's Laws of Motion discussion; to be continued with PART TWO soon.

Prof. John Roy Robert Searl.
Release date: 23rd July 2007.