

## AMENDMENT

Listing of Claims:

1. (currently amended) A non-classical ~~bivalent~~ method of suspending a logic gate comprising:  
treating all discrete input and output data as error;  
simulating said error as belief with at least one check value or simulating said error as doubt with  
at least one check value;  
~~acting on said simulation~~ ng as fact; ~~and~~  
registering said check value of said belief or doubt as a temporary state subject to the results of  
said acting and subject to the results of any previous or subsequent data input or output; ~~and~~  
suspending said logic gate while awaiting said previous or subsequent data input or output.
2. (currently amended) The ~~logic gate~~ method of claim 1 wherein ~~said~~ the treating all of discrete  
input and output data as error, further comprises:  
parsing input data into specific categories; ~~and~~  
storing said input data as non-verified; ~~and~~  
storing said output data as non-verified.
3. (currently amended) The ~~logic gate~~ method of claim 1 wherein the simulating further  
comprises ~~A~~ a calling of a program routine which assigns a check value ~~to said input data as~~  
~~belief or doubt.~~
4. (currently amended) The ~~logic gate~~ method of claim 1 wherein the registering further  
comprises the writing of a binary state.
5. (currently amended) A method of ~~calculat~~ pausing cyclic data error check values comprising  
the steps of:  
registering an initial machine personality tendency of at least a single check value;

treating all input data as error;  
parsing said input data error into discrete error boundaries;  
assigning said initial machine tendency to said parsing of said input data using at least a single check value;  
registering a belief level using at least one check value for said parsing of input data within said discrete error boundaries;  
comparing said belief level with said initial machine tendency;  
registering a trust level based on said comparing using at least a single check value;  
correlating said parsed input data according to trust level check value;  
calling a confidence level check value based on said correlation; and  
cascading and accordingly pausing said belief level into a cyclic check sum according to said initial machine tendency, said belief level, said trust level, and said confidence level as a perpetually unresolved check level status.

6. (original) The method of claim 5 wherein said confidence level as a state can be affected by new input data.

7. (original) The method of claim 6 wherein said affected confidence level triggers a new instance of said cascading causing a change or recalculation of said cyclic check sum.

8. (currently amended) The method of claim 5 wherein the steps of claim ~~4~~5 occur in different order.

9. (original) The method of claim 5 wherein said parsing of said input data into discrete error boundaries is predetermined by the program allowing only specific input data.

10. (original)The method of claim 5 wherein said parsing of said input data into discrete boundaries allows parsing of external user or sensory input categories.

11. (original) The method of claim 5 wherein said parsing of said input data into discrete error boundaries is determined through a hierarchical selection.

12. (new) The method of suspending a logic gate of claim 1 wherein the registering further comprises the writing of a ternary state.

13. (new) A method of terminating computerized cyclic combinatorial explosions in probabilities computations, comprising:

treating all world data as error;

accepting limited data input as error;

parsing said limited data input into discrete error categories;

a first registering of one or more initial machine tendencies of said parsed limited data input

wherein the said first registry is a beginning personality state for belief/confidence variables

comprising one or more check values for belief/no-confidence, no-belief/confidence, no-belief/no-confidence, or belief/confidence;

a second registering of one or more check values of probabilities for said parsed limited data

input wherein said probabilities comprise a computation for probable or not-probable as to said parsed limited data input;

a third registering of one or more check values for confidence level wherein said confidence

level comprises a computed check sum for confident or not-confident as to said limited data input;

pausing said second registry wherein said third registry check sum resets said second registry;

and

terminating said parsing limited data input, if pending recomputation of said third registry does not result in a changed state to any said registry.

14. (new) The method in claim 13 wherein said second registry is incorporated as a binary, ternary, or quaternary check value for said first registry.
15. (new) The method in claim 14 wherein the arities of binary, ternary, and quaternary elements are expressed as multiples with reference to the number of operations.
16. (new) The method in claim 15 wherein said arities greater than 4 are encountered based on the number of operations.
17. (new) The method in claim 15 wherein said arities is a matter of using other practical computer programming conventions.
18. (new) The method of Claim 13 wherein said check sum for confident or not-confident as to said limited data input comprises a check sum for said limited data input as registered through said first data registry.
19. (new) The method of Claim 13 wherein said check sum for confident or not-confident as to said limited data input comprises a check sum for said limited data input as registered through said second data registry.
20. (new) The method of Claim 13 wherein said check sum for confident or not-confident as to said limited data input comprises a check sum for said limited data input as registered through said first data registry and said second data registry.
21. (new) The method of claim 13 wherein any said registry further comprises a calling of a program routine which assigns a check value.