IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:	
Pugna Enkefalos	
Application No.: 17/000,000	Examiner: Daniel Nile
Filed: April 1st, 2022	Group Art Unit: 3683
For: System for Automatic Cryptocurrency Transfer Based on EEG Signal Data	Attorney Docket No.: 1337
	Confirmation No.: 1234

AMENDMENT

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Nile:

This Amendment is in response to the Office Action mailed April 15, 2022. This Amendment is timely because it is being submitted within the period for reply which expires July 15, 2022. Please enter and consider the following:

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A system including:

a first measurement device including a plurality of first electroencephalogram (EEG) sensors, wherein each said first EEG sensor is attached to said first measurement device, wherein each said first EEG sensor detects brainwave signals of a first user of said first measurement device and determines a first EEG signal, wherein said first measurement device determines a first cognitive performance data from said first ~~the~~ EEG signal, wherein said first cognitive performance data is a numeric value, wherein said first measurement device transmits said first cognitive performance data ~~to a first electronic device~~;

a second measurement device including a plurality of second electroencephalogram (EEG) sensors, wherein each said second EEG sensor is attached to said second measurement device, wherein each said second EEG sensor detects brainwave signals of a second user of said second measurement device and determines a second EEG signal, wherein said second measurement device determines a first cognitive performance data from said second EEG signal, wherein said second cognitive performance data is a numeric value, wherein said second measurement device transmits

said second cognitive performance data simultaneously as to when said first measurement device transmits said first cognitive performance data ~~to a second electronic device~~;

~~a first electronic device, wherein said first electronic device receives said first cognitive performance data from said first measurement device, wherein said first electronic device transmits said first cognitive performance data to a cognitive data server;~~

~~a second electronic device, wherein said second electronic device receives said second cognitive performance data from said second measurement device, wherein said second electronic display device transmits said second cognitive performance data to said cognitive data server;~~

a ~~said~~ cognitive data server including a server processor ~~and a memory storing a first cognitive performance dataset and a second cognitive performance dataset, wherein said first cognitive performance dataset is the summation of the numeric values of all said first cognitive performance data received from said first electronic device, wherein said second cognitive performance dataset is the summation of the numeric values of all said second cognitive performance data received from said second electronic device,~~ wherein said cognitive data server receives said first cognitive performance data ~~from said first electronic device~~, wherein said cognitive data server receives said second cognitive performance data simultaneously as to when said cognitive data server receives said first cognitive performance data ~~from said second electronic device~~, ~~wherein said server processor sums the value of said first cognitive performance data to the value of~~

~~said first cognitive performance dataset to determine a new said first cognitive performance dataset, wherein said server processor sums the value of said second cognitive performance data to the value of said second cognitive performance dataset to determine a new said second cognitive performance dataset,~~ wherein said server processor compares the numeric value of said first cognitive performance data ~~dataset~~ with the numeric value of said second cognitive performance data ~~dataset~~ to determine said first cognitive performance data has a higher numeric value ~~cognitive performance dataset with the higher numeric value~~, wherein said cognitive data server transmits a signal to a cryptocurrency server to initiate a transfer of cryptocurrency; and

a cryptocurrency server including a ~~first~~ user wallet~~, a second user wallet~~ and an escrow wallet~~, wherein said first user wallet is associated with said first cognitive performance dataset, wherein said second user wallet is associated with said second cognitive performance dataset,~~ wherein said cryptocurrency server receives said signal from said cognitive data server, wherein said signal initiates transfer of cryptocurrency from said escrow wallet to said user wallet ~~associated with said cognitive performance dataset with the higher numeric value~~.

2. (Currently Amended) The system of claim 1, wherein said first cognitive performance data is an integer, wherein said second cognitive performance data is an integer.

Claims 3-7. (Canceled).

REMARKS

The present application includes claims 1-7. Claims 1-7 were rejected. By this Amendment, claims 3-7 have been canceled and claims 1 and 2 have been amended.

Claims 1-7 were rejected under 35 U.S.C. §112(b) as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor regards as the invention.

Claims 1-7 were rejected under 35 U.S.C. §102(b) as being anticipated by Frank, U.S. Pat. App. Pub. No. 2022/0084055.

The Applicant now turns to the rejection of claims 1-7 under 35 U.S.C. § 112(b) as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor regards as the invention.

Claims 3-7 have been canceled. Claim 1 was rejected under 35 U.S.C. 112(b) for the following indefinite limitations:

- Said first cognitive performance dataset was not specified
- Definition of datasets and how they can be "summed to"
- Claim recites a summation of all data received, but only recites one data element being received for each data set

- "a new" vs. 1st/2nd cognitive performance dataset
- "said cognitive performance dataset with the highest numeric value"
- "associated with" – and it is not clear how a wallet is associated with a dataset

Claims 3-7 have been canceled, thus the present application includes independent claim 1 and dependent claim 2.

Claim 1 has been amended to rectify all these indefinite limitations. Claim 1 has been amended to remove all recitations of the phrase "cognitive parameter dataset" and now only recites "cognitive parameter data". Furthermore, as amended, claim 1 does not recite any summation of data or datasets. Lastly, claim 1, as amended, does not recite a wallet being associated with a dataset. Consequently, claim 1 is respectfully submitted to be definite and allowable. Additionally, claim 2 depends from claim 1 and is consequently also definite and allowable.

The Applicant now turns to the rejection of claims 1-7 under 35 U.S.C. § 102(a)(1) as being anticipated by Frank.

Claims 3-7 have been canceled, thus the present application includes independent claim 1 and dependent claim 2.

Frank teaches the measurement of a cognitive parameter using a EEG headset and comparing the cognitive response to a stored collection module of measurements of a plurality of users. Figure1 shows the measurement of a EEG of a user using a sensor and comparing it to a computer stored collection module of EEG data of a plurality of users. Consequently, Frank teaches the transfer of cryptocurrency to a user based on the comparison of that user's EEG data against a stored collection of EEG data.

Frank does not teach comparing the EEG data of one user to the EEG data of another user wherein the EEG data is received simultaneously from both users. As mentioned above, Frank teaches comparing the EEG data of a user to a computer stored collection of EEG data from a plurality of users. Consequently, Frank does not teach comparing the EEG data of one user to the EEG data of another user wherein the EEG data is received simultaneously from both users.

As amended, claim 1 recites "wherein said second measurement device transmits said second cognitive performance data simultaneously as to when said first measurement device transmits said first cognitive performance data" and "wherein said cognitive data server receives said second cognitive performance data simultaneously as to when said cognitive data server receives said first cognitive performance data". The applicant has respectfully taken note of the examiner's response, and, as per the examiner's suggestion during the discussion with the examiner, claim 1 has been amended to specify that the

first cognitive performance data and the second cognitive performance data are both transmitted and received simultaneously. Frank does not teach simultaneous transmission of EEG data from multiple users. Frank also does not teach simultaneous receipt of EEG data from multiple users. Consequently, claim 1 is respectfully submitted to be free of the prior art and allowable. Additionally, dependent claim 2 depends from claim 1 and is consequently also respectfully submitted to be free of the prior art and allowable.

CONCLUSION

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of 1337, Account No. 1337.

Respectfully submitted,

Date: April 29, 2022

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