

Description**Invention Title**

Legal intelligence credit business: a business operation mode of artificial intelligence + legal affairs + business affairs

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Technical field

The invention relates to a computer program of artificial intelligence, and specifically relates to a business operation mode based on artificial intelligence + legal affairs + business affairs.

Background technology

The quality of commodity services in countries around the world, the most regrettable is the quality of legal services. The first is the lack of effective application of artificial intelligence. At present, Alternative dispute resolution (ARD), Online Dispute Resolution System (ODR), Intellectual court, and Internet courts, etc. , Neither did they apply scientific and technological means to solve the justice problem of reality, time and cost; nor solved the problem of identification true facts through the post-event evidence. The second is the lack of effective participation of experts. The juries and jurors in various regions did not learn from the professional expertise and practical experience of business experts. Neither did they solve the problem of the ability to understand the evidence and facts of cross-majors and lack of practice, nor solve the problem of local protection, interpersonal public relations and personal emotions. The key is that the industry has a specialization, no to judge the calabash case by the calabash monk.

German criminal misjudgment up to 1/4; the United States' error rate in death sentences in 1973-1995 was 68%(a major error in appeals was sent back for retrial).

In Germany in 1996, the civil appeal change rate was 36-40% and the return rate was 5%.

In France in 1991, the people's dissatisfaction rate to justice reached 83 - 97%.

In the UK in 1996, the average case closing time was 161 weeks in London and 195 weeks outside London.

In the U. S. in 1991, 90% of the cases in the 12 states of the United States were concluded within two years, and 50% of the cases in the other three states exceeded two years.

In the U. S. and the U. K. , lawyers charge more than the small amount of litigation. In the U. K. , in 1995-2000, only the winning party had the judgment cost of charging bills, accounting for 115-174% of the litigation subject of less than £12. 5 million (174% represents 261% of the litigation target).

China has also witnessed many unjust cases, such as Nie Shubin, Huge Gillettu, She Xianglin, Zhao Zuohai, Li Jiuming and Du Peiwu, which have been difficult to safeguard rights and correct

mistakes, and have harmed citizens' confidence. Civil cases are soaring and piling up. . . Letters and visits do not believe in law, and the cost of maintaining stability is high. The absence of social governance, the lack of an effective mechanism to resolve disputes, that make it difficult for reconciliation to be final, mediation to be successful, arbitration to be impartial...that influence social integrity, transaction costs.

See the "Final Report on the Structure Reform of the Civil Court" by Lord Justice Briggs of the British Court of Appeal, the "Civil Justice in Crisis: A Comparative Perspective of Civil Procedure", edited by Professor Zuckerman of Oxford University, UK, The "Failure of Justice: Apocalypse of Miscarriage of Justice in Germany", Dr. Darn Stout, Germany, The investigation report of Columbia University Law School, US "A Broken System: Error Rates in Capital Cases (1973-1995)" and so on.

AI's rapid calculation + market competition can solve the problem of time delay in justice. AI + online video + market competition can solve the problem of high cost of justice. AI's synchronous deposit of data evidence + deep learning of human experience + intensive learning of scientific logic, can prevent and cure too many problems of judicial misjudgment. Business experts' grading verification of evidence and facts and legal experts' algorithmic adjudication, can solve too many problems of judicial misjudgment.

The quality problems of commodity services in various countries in the world lack of effective legal guarantees, to cause problems such as transaction costs, social integrity, and national development.

The first is the lack of effective application of AI. The limitations of human beings such as profession, practice, forgetting, and emotions can not overcome. The Second is lack of expert participation. The authentication of professional evidence and business facts only depends on the subjective free heart evidence of lack of business expertise after the fact. The third is lack of combination of AI and legal affairs. It is lack of synchronous data evidence, without synchronization to business activities and key links.

For example, the main problems of e-commerce are false propaganda, counterfeit and shoddy, difficult to distinguish and regret the choice, etc.; too many quality disputes, mediation and difficult to resolve, especially the quality and quantity of drugs and food safety issues.

The main problems of health and medical care, in China are unreasonable allocation of resources, over-examination, over-prescription, inflated drug prices, and using drugs to support medical care, etc.; rampant medical corruption, unbelief in the identification of medical responsibility, tension between doctors and patients, frequent occurrence of medical injuries, and difficulties in mediation

and reconciliation.

The main problems of traffic and transportation, in China are congestion, difficult to get out and park; especially in big cities, traffic congestion is more serious, and the commute takes 1-2 hours; unmanned driving technology can not solve the problem of insufficient space in the road garage; traffic accidents are frequent and the resolution mechanism is not smooth.

The main problems of Education training problem , in China are more promise and less fulfillment, more courses and more difficult selection, more time and high cost to choose; especially the content of professional courses being not unified and standardized, not organized and simplified, learning time-consuming, slow results; too education and training disputes being difficult to solve.

AI+ legal affairs + Business affairs mode extends to whole processes and key links of business, can control and improve the responsibility capacity and operation process of business subjects and so on, can control and improve the main body ability and service process of medical treatment, education, transportation, etc. , so as to improve the quality of commodity and services; can solve the problems such as counterfeit and shoddy goods, food safety, drug quality, to facilitate solving the difficulties of the poor in medical treatment, education, and transportation, and to facilitate solving the problems of judicial justice.

Germany's 2001 the "Civil Litigation Reform Act", Japan's 2004 the "Law on Promoting Out-Trial Dispute Resolution Procedures", The US's 2015 "Outline of Federal Judicial Reform ", The UK's 2016 "Final Report on the Reform of Civil Court Structure", In recent years, China's "Opinions on Improving the Diversified Solution Mechanism of Contradictions and Disputes", "Opinions on Further Deepening the Reform of Diversified Dispute Resolution Mechanisms by the People's Court", "Opinions on Conducting Lawyers' mediation Pilot Work", etc. . In particular, the "abandon human experience" pure "self-training" reinforcement learning algorithm identified by Alpha Go Zero in October 2017, provides a better social and technological environment for AI+ legal affairs+ business affairs social governance and business operation mode.

This social governance and business operation model will replace the traditional model, and will focus on operations in Europe and the United States, and will continue to be simplified with the advancement of science and technology.

Summary of the Invention

The invention provides a solution to control and improve the operational process of commodity service by executing an artificial intelligence computer program. The purpose of the program is o

solve the technical problem of how to apply artificial intelligence technology to improve the quality of Commodity Services (including legal services) . The method is to realize the control and improvement of the business affairs and legal affairs operation process by executing computer program with applying artificial intelligence technical means and legal means; especially the AI verification and due diligence of the credit qualification of business subjects, the AI divide-professional and three-grade verification of business evidence and facts, and the AI+ experts' reconciliation and mediation and arbitration, etc. Reflection is the technical quality standards and technical specifications. Utilization is the technical means to follow the laws of nature. It achieve the technical effects of artificial intelligence software and hardware, improve business quality, save business time, reduce transaction cost and improve social credibility , etc. , in line with natural laws. Artificial intelligence is the empowerment platform, legal affairs innovation is the soul of the main body, business quality is the ultimate goal. The improvement of artificial intelligence lies in "double learning" and "double experts", the innovation of legal services lies in "new brain" and "new procedures", the improvement of commodity service lies in "two lines" and "two supports".

The technical means utilized in the invention are: deep learning, reinforcement learning, computational law, algorithmic adjudication, expert system, intelligent search, fingerprint recognition, face recognition, speech recognition, video recognition, electronic identification, image interpretation, language and image understanding. Genetic programming, gaming, automatic programming, intelligent control, Internet of Human, Internet of Things. Internet of Intelligence, large data, cloud computing, location navigation, video communications, etc.

Facing the existing quality problems, the invention provides a social governance and business operation mode of AI+ legal affairs + business affairs. The application consists of 1 system, 3 sub-systems and 13 modules. AI is the empowerment, legal affairs is the main body, business affairs is the framework. The details are as follows.

I. provide AI computer programs: provide AI technical support to control and improve the quality of commodity and services

AI provides the brain of the Internet of Things, with algorithms and industry rules engines to form logic, ideas, instructions, and tuning capabilities;the Internet of things provides an AI neural network that provides information for perception, cognition, cloud computing and control. In the past, the Internet was connected with people and people; in the cloud era, enterprises, governments, etc. , and also to people and things, in the future, help the various industries to establish a "super brain. "In the cloud era, it is adjacent to people and people, people and things, people and doing things, the corresponding are Internet of Human, Internet of Things, Internet of Intelligence. The

model involved in three-net, featuring "double learning " and "double experts" , has different contents and characteristics.

(I) Internet of Human: Provides verification modules for qualification credit of experts, entrepreneurs, and consumer protection.

The Internet provides a platform from "multi-user" to "all-user", improving the interpersonal connectivity with connecting employees within enterprises and users within the government. providing a platform for trust and cooperation, breaking information islands, such as intelligence government, intelligence retail, intelligence legal affairs, intelligence education, intelligence medical treatment, etc.

This model applies the linking technology between people from the perspective of the subject, focusing on providing the qualification credit verification and due diligence investigation of experts and business subjects. The "all-user" platform, provided on the basis of individual and natural person, plus the feature value of "work unit", constitutes the user group of B terminal and G terminal. According to the needs, add the feature value such as "specialty, education and title" to constitute expert database; add the feature value such as "expertise, industry and post" to constitute the user group such as production workers, waiters, entrepreneurs and other user groups. . . The main content and characteristics of this model of Internet of Human are as follows.

1. Provide a verification system for the qualification credit of users and experts.

Accumulate and analyze the "all-user" qualification credit data;first invite fine users with knowledge expertise and professional specialty to join the future expert group;then establish expert database through qualification credit verification. The expert database should be strictly graded according to genetic inheritance, EQ, IQ, professional testing, and performance evaluation;every year, it is also required strict grading promotion according to the professional ability update test and performance development evaluation;not only consider occupational and professional qualifications, but also consult income and expenditure , honesty circumstance.

Experts are responsible for the transparency and interpretability of AI.

2. Provide the verification system for the qualification credit of employees and operators.

First invite fine users with professional technical expertise and organizational management advantages to establish a group of future technicians and bosses;then through the qualification and credit verification, establish fine craftsman and boss group. They are strictly divide-grade classified into groups according to EQ, IQ, professional testing, performance evaluation, and its technical advantages and talent system;each year are

promoted according to competency test and performance evaluation; not only consider technical level , but also consult income and expenditure , honesty circumstance. Employees and operators decide the quality of business, and can be a candidate for evidence expert database.

3. Provide the verification system for the qualification credit of enterprises and entrepreneurs.

First invite enterprises and their executives with advantages of technology, quality and market to join the group of future enterprises and entrepreneurs;then through the qualification and credit verification, establish fine enterprises and entrepreneurs group. They are strictly divide-grade classified into groups according to the talent team, system mechanism, operating performance, user evaluation, EQ, IQ and professional ability test, they were classified into groups strictly;each year are promoted according to management evaluation;not only consider qualification abilities, but also consult income and expenditure , honesty circumstance. Entrepreneurs decide the direction of the enterprise, and can be a candidate for the facts database.

The qualification information and credit verification information of the above fine users will be provided a briefing according to the requirements , so convenient for users to select the best;providing comprehensive due diligence services in accordance with the agreement between the parties and the progress of the transaction;providing accurate and shared information, and providing a platform for learning exchanges, showing talents, and win-win transactions.

(II) Internet of Things: Provides tracking modules for control and improvement of quality, origin, and operational processes.

The Internet of Things provides the connection between people and things. The core is not the thing, the core is the connection, and more core is the intelligence;providing a deep connection between digital craftsmanship, lower-level cutting-edge technology, the physical world and the digital world;especially to improve the yield rate, reduce the loss rate, and optimize the manufacturing method.

This model applies the link technology of people and things from the perspective of object. The quality of commodity service depends on the control and improvement of the operation process;the object of the service is based on the natural person, and the all-user plus the "work unit" feature value constitutes the user group of B terminal. Provide quality "full process" control and improvement: provide control and improvement of the process of raw materials from planting, processing, transporting and selling;provide control and improvement of the process of service subjects' qualification and credit, education cultivation, service program, etc. The main contents and characteristics of this mode of the Internet of Things are as follows.

1. Provide the control system for quality standards and identification evaluation.

Providing AI list of high quality goods and services, increase links of standard comparison table and cost performance ranking; increase recommendation and promotion service for high quality that meets or exceeds national and international standards. Providing credit qualification identification for fine enterprises, increase AI verification services for corporate governance, talent teams and due diligence. Enterprise online application, provision of qualification certificate, operation condition and other materials, increase AI calculation, expert selection, may apply for three-level verification. AI applying Internet of Human of the “all-user” accumulated credit qualification data, user evaluation, transaction data, increase verification, tracking services, and increase the provision of change charts; for the substandard commodity and service, prompt purchase risk.

2. Provide the control system for origin and production operation process.

Applying AI's process control and large data calculation, increase providing control and improvement of the origin-planter's geographical location, soil environment, planting growth, harvesting and processing, sales and transportation, etc. ;increase providing control and improvement of processes such as manufacturers, raw material sources, production environments, processing and packaging, and transportation handover;increase providing control and improvement of the process of sellers, source of goods, planting and production, packaging and transportation, storage and delivery, etc. ;The focus of the future will be traceable to prevent counterfeiting and shoddy.

3. Provide the control system for service providers and service management processes.

Applying AI process control and large data calculation , provide information services of service providers such as qualification features, Service fields, industry advantages, operation history, unique skills and user experience, etc. , to help compare and select the best. Provide information services of service experts and waiters, such as divide-professional and divide-grade, qualification, professional expertise, training exchanges, user evaluation, etc. , to help select customized services. Increase service control and improvement, such as environmental facilities, technical teams, expert selection, business procedures, etc. , and guarantee service quality and choice.

The focus of the future is to be traceable. Carrying forward the spirit of digital craftsmanship, mastering more underlying cutting-edge technologies, provide deeper connection services; specially applying Internet technology , provide services to improve the rate of good products, reduce loss

wastage rate, optimize manufacturing methods. The concrete will gradually expand and develop in practice.

(III) Internet of Intelligence: Provides deep learning and reinforcement learning "double learning", expert database and expert system "double experts".

The Super Brain provides an intelligent operating system for artificial intelligence, providing the core capabilities of Internet of Intelligence. Internet of Intelligence is the product of the integration of Internet of Things and Artificial Intelligence, providing intelligent application scenarios and application modes, to serves the real economy, and realizes the digitization and interconnection of all things.

The model provides human-service link technology from the perspective of internet of Intelligence; providing the objective, scientific, non-subjective, uninterrupted service of super-human intelligence on the online super-brain and expert system, providing the "double learning" characteristic application of deep learning of human experience and reinforcement learning of the scientific logic ;at the same time, it provides the human intelligence service of grounding gas of the off-line expert database system, to improve transparency, interpretability and selectivity;Provide online and offline "double -expert" integration mutual assistance, features services. . . The main content and characteristics of this model of internet of Intelligence are as follows.

1. Provide the expert database of multi-national multi-professional three-grade.

Sets up three professional according to the evidence, fact and law of business, and evaluates three-grade as intermediate, advanced and super grade; to actualize specialization according to computer, finance, commerce and trade, production and so on, to conduct actual practice according to reconciliation, mediation, arbitration, adjudication and so on; enter the grading database according to academic knowledge, performance evaluation, EQ and IQ, professional test, and annual update evaluation and grading promotion. Providing a global database of experts can effectively avoid the impact of local protection and interpersonal researching, avoid colored glasses and cultural biases of different backgrounds. Details see instruction bookI (I) 1, II (I) 4 .

2. Provide online and offline "double expert" cooperation system.

The online expert system cooperates with the offline expert database to help each other and complement each other's advantages. The expert system refers to the computer intelligent program system with specialized knowledge and experience;the three components are expert-level knowledge in a certain application field, ability to simulate expert thinking, and ability to reach expert-level problem solving level. The expert database includes intermediate, advanced and super

experts in the fields of business evidence, facts and law ;make transparent interpretation, helping users to understand and accept; conducts interval verification, making evidence verification, fact verification identification and legal adjudication.

3. Provide a super-brain "double learning" contrast system.

When it comes to artificial intelligence algorithms, parallel application the algorithm of reinforcement learning of scientific logic and deep learning of human experience , provides the most accurate and the most suitable interval; so convenient for the parties to choose to reconcile within the interval. The concepts and differences between reinforcement learning and deep learning are shown in figure III, attached figure instructions, on page 8. The characteristic process of "Double Learning, Double Experts" are shown in figure I, attached figure instructions.

The AI characteristics and core parts of this mode include user module, input module, reinforcement learning module and deep learning module, classification modeling module, combination module, output module and expert database module; successively through the procedures of service demand, information collection, analysis and processing, classification and integration, data reorganization, solutions, expert interpretation, and expert verification; especially expert persuasion, expert verification after the user does not understand, does not accept.

- (1) The user inputs the service demand information from the input module to the system, and transmits it to the system of AI+legal affairs + business affairs , for collecting information about the user's needs;
- (2) AI+legal affairs + business affairs system's reinforcement learning and deep learning module analyzes and processes the demand information according to the user's service requirements;
- (3) The information processed by the reinforcement learning and deep learning modules, is classified and integrated processing according to different types to form modular data;
- (4) The system recombines different modularized data based on the combined module, and applies the adaptive algorithm to process to obtain the solution;
- (5) The user reads the most accurate and the most suitable two solutions through the output module of the system, giving priority to approbate and select;
- (6) When the user does not approbate it, the three-grade experts make interpretation according to the contract to help the user understand, accept, then approbate and select;

(7) When the user fails to approve it after the interpretation, the three-grade experts make verification according to the contract, then issues the verification or adjudication, and takes effect after delivery .

The focus of the future is to provide intelligent application scenarios and application models, to provide deep integration of the Internet of Things and artificial intelligence, to provide intelligent applications through the Internet of Things and large data analysis, to promote and improve the real economy; it will be gradually launched and pioneered in practice. The concrete will unfold gradually and develop in practice.

II. provide AI + legal affairs computer program: provide a legal protection framework to control and improve business affairs quality

In order to improve the quality of legal affairs, on the basis of the Internet of human expert database, it provides expert database such as business evidence, facts, laws, and carries on qualification credit verification with emphasis. On the basis of the operational process control of the Internet of Things, , provides high-quality legal services with the digital craftsmanship and the underlying cutting-edge technology. In the flexible deployment of the Internet of intelligence super-brain, providing intelligent application scenarios and application models; the innovation lies in the "new brain new program", particularly must consider the objective impact of different cultural traditions and industry habits.

(I) Special contract terms: Provide the terms selection section of AI+ expert's .

Providing AI contract terms selection section, to Avoid the subjective recognition of juries and jurors, etc. who lack of independence and cross-professional, may improve the authenticity. The eight essential clauses of the contract require complete and concise, increasing the multiple-choice clauses, and reducing the self-made clauses.

The key terms are the parties, quality, liability for breach of contract, dispute resolution methods, etc. ;improve to increase special provisions such as reconciliation, mediation and arbitration, applicable legal norms, synchro evidence of reappearance or notarization, expert divide-grade and divide-professional verification, approbation of AI calculation and expert verification, etc. . The terms drafting options by the AI, and the voluntary selecting by the offer or, the commitment party independent approve to take effect.

1. Provide the AI agreement terms system for reconciliation, mediation and arbitration.

The dispute resolution method, AI automatically chooses first reconciliation, post-mediation, re-arbitration, and excludes litigation. The parties can change the choice, and the AI will display the

risk prompt. Reconciliation, mediation and arbitration, the parties can choose good performance, high comments, low fees; can choose the avoidance clauses, to exclude interference from all interests and prejudice. AI automatically optimizes selecting the lawyers, arbitrators and their institutions in the expert database.

2. Provide the AI applicable terms system for selecting legal norms.

Applicable laws and regulations, AI automatically prompts relevant laws and administrative regulations of various countries. The parties may voluntarily choose partly based on judicial interpretation, departmental regulations, local laws, local regulations, etc. , and the AI will prompt the risk of normative conflicts. The parties may also voluntarily refer to some typical cases, business practices, national policies, local policies, etc. , and the AI will prompt the risk of normative conflicts.

3. Provide an AI reappearance or notarization terms system for synchronous electronic evidence .

The identification of synchronous electronic data-synchronization business evidence and facts , AI automatically chooses to synchronously store relevant electronic data evidence and simultaneously deposit it with the agreed notary office. When dispute after the event, AI reappears the incident and the key evidence from the electronic data, and the both parties approbate to take effect;when a party does not approbate, AI provides online notarization, and takes effect after delivery .

4. Provides an AI expert terms system for divide-professional and three-grade selection.

AI expert database is set up three-professional according to the evidence, fact and law of business; and is evaluated three-grade as intermediate, advanced and super grade; it strictly assess to promote, updates the promotion, and further realizes professionalization and practicalization. The experts are responsible for transparency and interpretation of AI algorithm; the charging coefficient is set at different levels, and the user chooses voluntarily and AI performs automatically. Details see instruction book I (III) 3.

5. Provide an approbation terms system for AI calculation + expert verification.

Business evidence, facts, adjudications, both parties automatically choose AI to apply reinforcement learning of scientific logic and deep learning of human experience, make the most accurate and the most suitable evidence identification, fact identification and legal adjudication A and B. Both parties accept the plan in the interval to take effect. When one party does not approbate, applies for business experts in the interval and online video verification, and takes effect after delivery .

(II) Synchronizing Evidence Facts: Provide the identification section of AI reappearance + notary + reconciliation.

AI legal affairs provides online communication, audio-visual transmission, video communication and other social tools, and synchronously involves in the whole process and key links of business, and simultaneously stores related communication electronic data. Without dispute after the end of the transaction, most of them can be restored empty except for the relevant analysis data.

1. Provide information system for notary to deposit AI data.

Business AI data is the electronic data formed by AI in the process of business transactions. For important parts, such as high probability of disputes, large amount of transaction and special requirements of users, AI legal affairs provides computer storage services. At the same time, it provides simultaneous online depository and preservation services to the organs where the selected legal experts notaries are located, so as to prepare for the future notarization.

2. Provide an identification system for both parties to approbate AI reappearance evidence.

When dispute after the event, AI reappears all business facts and key business evidence relying on business transaction data in accordance with the contract, both parties approbate without objection and reaching a settlement agreement to take effect. Most parties believe that scientific progress, opposition to human intervention, voluntary approbation and reconciliation will be more and more. Both parties approbate the evidence and facts, and facilitate reconciliation, mediation and so on.

3. Provide an identification system for social notarization AI data facts.

When one party does not approbate the business evidence and facts reappeared by AI, the notary office conducts AI online notarization of the data evidence and facts deposited in accordance with the agreement by the application, so to verify the authenticity and legality of the data. Only by approbating or notarizing the evidence and facts of data, can promote voluntary reconciliation, and then facilitate first-mediation and post-arbitration. A phased approach facilitates a more realistic resolution of disputes.

(III) After-the-fact evidence facts: Provide the verification section for AI+expert+reconciliation .

It is difficult for AI legal affairs to reappear the really truth after the fact with business evidence and business facts without synchronous electronic data. The after-the-fact authentication of general business evidence causes many authenticity problems. The authentication of non-business experts and non-objective "free heart evidence" aggravates the crisis of authenticity and trust.

1. Provide an identification system for AI+ mutual approbation + reconciliation.

After-the-fact business evidence, business facts identification, AI legal affairs first applies reinforcement learning of business scientific logic and deep learning of human business experience , to make the most accurate and the most suitable identification A and B. Both parties approbate the interval and choose a settlement within the interval to produce legal effect. First approbate the evidence, then approbate the facts, and facilitate timely reconciliation, harmony and win-win.

2. Provide the evidence verification system for AI+ three-grade experts + reconciliation.

Without one party approbating the AI identification, the business evidence expert is selected firstly according to the contract , and makes the evidence verification conclusion within the interval with proving force. The party without approbation can apply for the higher level verification, can apply for three times and three-grade. The effect of the verification of the superior grade is higher than that of the inferior. Without objection to the verification of evidence, a settlement plan can be reached in time to resolve the dispute as soon as possible.

3. Provide the fact verification system for AI+ three-grade experts + reconciliation.

After the evidence verification, the fact verification can be carried out. The business fact expert is divided into three grades, and both parties can apply for the three-grade verification in turn, or directly to the advanced grade or super grade. One party can applies for upgrade verification after the delivery is signed, and the effect of the verification of the superior grade is higher than the inferior , except both sides jointly approbating a certain verification. The fact verification is approbated by both parties, to facilitate timely reconciliation and resolve disputes as soon as possible.

(IV)reconciliation, mediation, arbitration: provide the adjudication section for AI + expert + reconciliation + mediation.

The quality of German judges is higher, the rule of law is more standardized, and there is very little human intervention. The criminal misjudgment rate is 1/4, the civil appeal change and return rate is more than 40%, that warn the judicial issue. . . Except for subjective determination of evidence facts, the key is that subjective adjudication lack objective constraints and supervisors are unwilling to correct the mistake.

1. Provide a reconciliation system for AI + both parties approbation .

The application of the law, the AI first applies reinforcement learning of scientific logic of the adjudication algorithm and deep learning of human experience of the classic case according to the

contract, make the most accurate and the most suitable adjudication A and B respectively. Most of the parties trust the AI judgment prediction that they are willing to choose an acceptable solution within the interval, and both parties approve without objection to take effect.

2. Provide the mediation system of AI+ three-grade lawyers.

The AI adjudication predicts without one party approving, both parties may apply for three-grade mediation of intermediate, advanced or super grade lawyers on step by step according to the contract, or directly apply for advanced and super grade. The effect of superior mediation is higher than that of the inferior; both parties voluntary reconciliation during mediation is a priority. The mediation lawyer chooses the reconciliation and mediation plan in the adjudication A to B interval, interprets the algorithm, persuades the acceptance, and the delivery is signed to take effect.

3. Provide the adjudication system of AI+ three-grade arbitration + mediation.

The arbitration experts conducted the online trial of the stereoscopic video, and try to close the case by means of reconciliation. With the mediation failing, The experts make the arbitration in time, selecting a judgment plan in the interval A to B, and explain why beyond the interval. Arbitration award shall be final and binding, the final decision takes effect after delivery. Both parties may apply for upgrading mediation or arbitration, before the delivery of intermediate or advanced arbitration is signed, or directly apply for advanced or super arbitration.

4. Provide the online system for acceptance trial delivery.

Provide online acceptance and filing system to avoid local protection and human interference. The application, payment, exchange of evidence, defense rebuttal are all conducted online. The case request, the fact reason, and the evidence content shall be subject to the concise summary language of both parties, and shall be strictly prohibited from abridging and concealment. The document is immediately sent online to prevent delays strictly. Respect the avoidance and confidentiality applied from both parties.

5. Providing input and output systems for stereoscopic video trials.

The input video each party can take 4 shots, the output video takes 2 shots per arbitrator, the lawyer is the same, can be combined in one or two screen synchronization display. Synchronous recording and video, body language is richer and more real. stereoscopic video input and output software can be authorized to produce AI hardware, light and portable, intelligent and multi-purpose. Detailed description is shown in diagram four and example four. See Figure 4 of the specification, Example 4 for details. Detailed description is shown in figure four and example four of instructions book.

(V) Quality performance guarantee: provide the performance section of AI credit rating + insurance guarantee.

The adjudication without executing, is just a piece of a waste paper, damaging social integrity, increasing transaction costs and reducing national competitiveness. At present, some problems need to be solved in execution, such as too many mistakes in adjudication, too difficult to correct; some people corruption in execution, too high a draw; light penalties for overdue punishment, and rich profits. . .

1. Provide an AI assessment system for both parties' credit status.

AI legal affairs applying reinforcement learning and deep learning systems, makes the most accurate and the most suitable credit line identification for the assets credit level, quality assurance ability and performance compensation ability according to the user's identity documents, bank cards, credit cards, purchasing and selling pipelines, performance credit and other information. The employed third-level financial experts select an appropriate amount within the interval to prevent overdrafts.

2. Provide AI quality assurance system for quality insurance guarantee.

The user acceptance without objection, confirm the payment, AI quality assurance system make a payment within one week. The user acceptance without objection, and unconfirmed payment , AI system indicate the quality objection every three days, and make the payment within two weeks without objection. The user proposes the quality responsibility without return goods before payment, AI system first choice is to return and refund. The user reject to return and the payment exceeds the credit line, opposing party shall provide quality insurance and guarantee.

3. Provide the AI performance system of indemnity insurance guarantee.

AI performance system, combined with the merchant's promise of several times compensation for quality responsibility, the same trade probability of causing personal and property losses, the merchant's quality history and contingent compensation quota, calculates the credit quota interval, the three-grade financial experts select the credit line within the interval. For those who exceed the ability to compensate, carry out insurance and guarantee to diversify the risk of performance. Prepaid prepayments can be used to pre-authorize merchant credit cards.

4. Provide the actual loss compensation system of AI+ experts.

The actual loss of quality liability compensation must be calculated the time value and the loss of excessive devaluation of the currency , and the actual loss of large data statistics should be taken as

the criterion to exclude the improper provisions and explanations of the authorities to protect the breach of contract and benefit from it. Compensation is calculated by artificial intelligence, selected by financial experts, timely online transfer, and prepaid within the credit line to ensure that the damaged party uses the money in time, and leaves room for it.

5. provide both benefit payment system of AI + experts.

Artificial intelligence calculates time value and depreciation loss timely and accurately, transfers payment in time, changes the bad habit of delay in breach of contract, encourages timely payment in compliance with contract, and reduces the loss of breaching contract. The insurance will spread the risk, reduce the loss of both parties; pay by the credit line to alleviate the financial pressure of damages. Both parties can benefit from artificial intelligence and dual protection model.

III, provide software and hardware for AI + legal affairs+ business affairs: provide network operation system to control and improve business affairs quality

In order to improve the quality of business affairs, on the basis of entrepreneurs group, employees group, users group and so on of Internet of human, it provides key identification of qualifications and credits. On the basis of the process control and improvement of the Internet of Things, it provides the services of digital craftsman spirit, underlying cutting-edge technology and business quality improvement. With the flexible deployment of the super-brain of Internet of intelligence, it provides the application model and application scenarios of intelligent Commodity services, featuring "two lines and two supports".

(I) AI commodity service: Provide the AI operation section of subject verification, quality verification, and nearby stores.

For the E-commerce problems under the above "Background Technology", applying AI technology it provides subject identification, integrity evaluation, quality level identification, video selection. Provides AI systems for nearby stores, online and offline, homogeneous prices, and shopping experience, solves the problems such as fake and inferior, difficult to resolve disputes.

1. Provide the AI systems for collaborative development and assisting the small weak.

It conducts divide-class and divide-grade for all operators, large and small enterprises, etc. , and better their strengths, complement their strengths. It focus on certifying and promoting of qualification credit of fine enterprises. It provides the small and weak operators the opportunities to underground root and sprout, and constantly grow up ;it accommodates and assists small businesses that are difficult to survive and gradually weaken;it sets an excellent benchmark and guide small and weak enterprises to become bigger and stronger as soon as possible.

2. Provide the AI system for quality subject identity verification.

It provides the identity verification and evaluation ranking of quality subjects such as production provider, channel supplier and seller. It provides verification evaluation of growers and geographical locations of food and medicine. It provides channel price audit, insurance or guarantee for performance, etc. . Consumers can locate online, video calls, mutual recognition, and comparative choices, increase the responsibility of honesty, and reduce people's leaving with empty buildings.

3. Provide the AI systems for comprehensive optimization and assisting the low prices.

It conducts divide-class and divide-grade for all commodities and services, and meet the needs of multiple levels. It focus on controlling the quality and process of fine business affairs. It provides the low-cost commodities services of underground survival the opportunities to make the best use of them and to voluntarily trade;it will be inclusive and facultative to low-priced goods , second-hand goods, flea market, underground market;it sets up high-quality business affairs and guide low price business to remould and promote.

4. Provide an AI system for service quality verification.

It provides quality verification for qualified, excellent, leading service ; in particular, the service provider's qualification credit, industry history ranking, service process features, etc. , the server's qualification credit, resumes and specialties, etc. . It provides service quality classification, strict high quality and high price and so on;it indicates the risks and responsibilities for defects, below cost, no quality assurance services.

5. Provide AI system for commodity quality verification.

It provides verification for composition and quality of qualified products, first-class products, luxury goods ; especially food and drug environment soil, production process and so on. It provides quality classification, high quality and high price, channel guarantee, etc. ; especially quality insurance or guarantee. It indicates the risks and responsibilities for defects, below cost, no quality assurance services.

6. provide AI system for near store, online and offline.

The online extends to the bulk and small , providing intelligent search, quality classification, integrity sorting and other options to exclude irrelevant advertisements. It provides video communication links, video identification and selection purchase, exclude the interference of meitu and jigsaw. The offline stores provide location search, nearby stores online shopping, online and

offline homogeneous price, express pick-up optional;the "two lines" complement each other and complement each other.

7. Provide AI system for sightseeing training and experience promotion.

For excellent service and commodities, for the ingredients, technology, production or processing, provide sightseeing tourism routes, practical operation experience, and also serve as teenagers' training base, practice base.

It encourages users to experience on-site, select and buy now, improve shopping's pleasure and satisfaction, and guarantee the quality of goods and services.

(II) AI health medical care: Provides AI operation sections for index analysis, difficult consultation, expert entry.

The quality problems of medical services under "Background Technology" , are mainly about medical technology and uneven distribution. It applying AI technology provides health index analysis and prompt information, disease diagnosis and treatment advice, difficult consultation and medical treatment programs, and solves the problems of treating the poor and settling disputes.

1. Provide the AI system for health indicator analysis and prompt information.

AI health applying the analysis technology of gene sequence and physical examination index, inputs the gene sequence and physical examination index according to the online treaties, provides information such as health index comparison, dietary guidelines and food connection, displaying on the mobile phone or watch ring, and provides online video identification of food and drug quality. The watch ring can also be used as a physical examination sensor and data input.

2. Provide AI system for general disease diagnosis and treatment recommendations.

AI medical care provides advice on the diagnosis and treatment of general diseases, applying deep learning the human experience of classic cases, reinforcement learning the scientific logic of the medical monographs, inputs the daily health, genetic information according to the online treaties, and then input specific examination images, report data. And displayed on the mobile phone or watch ring. The prescription can be applied for expert video diagnosis and signature confirmation.

3. Provide the AI system for difficult disease consultation and medical program.

AI medical care provides different medical program intervals A and B , applying deep learning and reinforcement learning according to the online contract . It provides a global therapeutic expert database for difficult diseases , according to the middle, advanced and super divide-grade for patients to choose . Online stereoscopic video diagnosis of , providing consultation medical plans

in the AI interval, need to be explained outside the AI interval. The difficult disease experts diagnose through on-line stereoscopic video, provides consultation medical scheme in AI interval, and needs explaining outside AI interval.

4. Provide the AI family hospital system for doctors and nurses door-to-door .

General and difficult diseases, doctors and nurses can make an appointment to provide treatment, surgery, and nursing services. For intractable diseases and surgery, the expert team may be invited to provide online video guidance and share the resources of the world medical elite. Portable equipment can be used , sanitary sites facilities can be rented near counties and villages. Especially in the spare time and holidays, a large number of idle expert resources can be used.

5. Provide the AI community hospital system for specialists doctors entering villages.

Township hospitals, village health centers, community health stations, and even county hospitals can provide medical examination services to patients with AI. The patient's health indicators, photograph , examination report were input into the health data of the patients. Rural village doctors can prescribe treatment for patients based on AI health information and treatment recommendations. Suspected diseases can request experts assisting for online consultation.

(III) AI teaching and training: provide AI operation section for education enhancement, featured training and talent cultivation.

The quality problems of education service under "background technology" above are mainly uneven quality resources and lack of effective talent cultivation mechanism. It applies AI technology, provides education improvement, skills training, special training, talent training, etc. , solve problems such as poor people lack of education and difficulty in solving disputes.

1. Provide AI online teaching video system for education upgraded to master degree.

Plying speech recognition, video recognition and other technologies , and deep-learning human teaching experience , It provides teaching videos of human experience version. Plying reinforcement-learning the scientific logic in various disciplines and specialties, it refines and organizes the whole knowledge of each discipline and specialty, and provides the teaching video of scientific logic edition. It also provides AI ranking and connection for similar teaching videos at the same time.

2. Provide AI online training video system for skills qualification examinations.

AI plying deep-learning and reinforcement-learning, studies postgraduate exams, overseas exams, English exams, practicing qualification exams, professional title exams, life and occupation high-

end technical examination and basic skills teaching video;provides training videos of human experience version and training videos of scientific logic version. It also provides AI rankings and connections for similar training videos.

3. Provide AI online feature video system with personalized teaching and training.

AI Applying personal genetic inheritance health data, EQ and IQ test data, adds life and work skills, to the subjects of primary, middle school, bachelor master's courses, compresses it to 5, 5, 3, and 2 years; and provides AI online video system of features education and training, such as personalized education upgrades, postgraduates, practicing qualification, professional title , knowledge skills, going abroad.

4. Providing AI feature cultivation schools for the Generalists and Versatile 、 innovative talents.

Applying AI gene inheritance, IQ and EQ analysis to select the best, it makes full use of the holidays, enlightening various interests and potential hobbies in kindergarten for 3-2 years, experiencing local life style and humanities in primary school for 5-4 years, comprehending the production and operation skills of workers, peasants, soldiers, students, businessmen and other trades in middle school for 5-4 years, and guiding the direction of professional interest in bachelor and master's university for 6-5 years. Three semester of the year, AI fine simplify course, only really not famous, it proves the test of the sea score tactics, provides an excellent graduate student to parents and society before the age of 20.

(IV) AI traffic transportation: Provides AI operation sections for predictive sensing, positioning video, and three-dimensional traffic.

The quality of transportation services under "Background Technology" above is mainly due to insufficient time and space and traffic congestion in large cities. Applying AI technology, providing the sky-eye navigation, it selects opportunity to travel and store , and sensory navigation help the car to be unmanned. Three-dimensional traffic can expand the accommodation space.

1. Provide the sky-eye system for the time-space distribution of the recent traffic flow.

Macroscopically, applying the monitoring data of vehicle flow and stocks in the past week, it predicts the time and space distribution of travel and storage in the next week is in advance, then provides the sky-eye navigation forecast maps with different time and space in seven days. It real time monitored the time and space distribution of travel and storage on the same day, provides the

actual observation maps of the sky-eye navigation in different time and space of the day. Searching for gaps, navigation trip and inventory.

2. Provide a sensing system for the environment surrounding the road at the time of the vehicle.

On the micro level, applying the technology of the driverless vehicle~ the vehicle-on-vehicle sensing system to provide the sensing video, adding the forecasting and measuring maps of the sky-eye navigation , it forms the sky-eye navigation map and the sensing video of the manual driving, searching for the gap and navigating trip and inventory. When tired and sleepy, it applies the on-board sensor to sense the surrounding environment, automatically plans the driving route and controls the vehicle.

3. Provide channel system for line location and handover video.

Applying AI's timing positioning technology, video recording technology for commodity handover, it provides AI logistics control and improvement system. in the logistics channel of goods, it does well logistics process control, real-time monitoring; Preventing the leopard cat to change the prince, change the package, fake truth. It supports the subject of responsibility verification, insurance guarantee, strengthen quality responsibility at the same time, and reassures consumers.

4. Provide a three-dimensional traffic system to increase the traffic space of cars.

(1) Provide a "three-dimensional traffic" layered system.

In the congested areas of large cities, it builds more than six floors of roads and parking spaces with functional stratification, increase the area, save the cost of subway construction and the cost of damage to the stratum structure. It can also combine municipal engineering with private shopping malls. Municipal public transportation can be built below the fourth floors, and private shopping malls can be built above the third floors. for example: The first floor: free layer for pedestrians and heavy vehicles (aerial trains can be added above), The second floor: rail layer for subways and trams(three dimensional parking lots can be added), The third floor: bus layer for rentals and buses transports (parking lots can be added);The fourth floor: self driving layer for cars and public buses (parking lots can be added), The fifth floor: shopping consumption layer (parking lots can be added), The sixth floor: sightseeing leisure layer (cable cars can be added above).

(2) Provide a "three-dimensional traffic " hub system.

At the intersections and hubs, green belts, upper and lower elevators and pedestrian passages will be equipped along roadsides , which can be connected to shopping malls and connecting fueling

interfaces; saving construction costs and bypass costs of flyovers and underground passages, saving urban land and beautifying urban space.

(3) Provide “three-dimensional traffic” parking space system.

Each floor can be built with 3-4 plus-layer three-dimensional parking spaces. The AI robots can allocate and sort the parking spaces according to the time in and out of the storage, existing space, carrying cars into and out of the storage.

(4) Providing “three-dimensional traffic” navigation system .

In the three-dimensional traffic system, vehicles with different weight tonnages can be driven in different layers to avoid heavy traffic accidents caused by mixed traffic; use AI sky-eye navigation map + sensor video, stereoscopic navigation vehicle travel and parking, Improve the efficiency of travel and storage. AI legal affairs can quickly solve relevant traffic disputes can be seen in (I) ~ (V), especially the sky-eye navigation map and sensor video, zibo arbitration of traffic disputes experience.

(V) AI Business Development: Provides business AI operation sector for open competition, self-improvement, merger and reorganization .

The development of science and technology is accelerating, and the development and application of AI are changing with each passing day. The battlefield of AI business will be a hurricane in the red sea of blood and rain; AI business has its birth and death, prosperity and decline. so it is necessary to make ready to advance and retreat, defend and abandon, and cooperate and score. AI apply reinforcement learning and deep learning, AI can predict the growth cycle of AI business enterprises according to the operating data of market, industry and enterprise, mergers and acquisitions choose the leading technology companies.

1. Provide business development with AI business model.

This model is mainly applicable to the business field where the computer artificial intelligence program has advantages. The emphasis is on the field where the double-learning of reinforcement learning and deep-learning , and the double-experts of expert system and expert database of divide-grade and divide-professional can play an advantage in the field, especially those with the nature of public service and social governance. For low - price business needs, underground economy, also need to intervene and guide development.

2. Provide business development with AI+ legal business mode.

This model is mainly applicable to the business field with the advantages of artificial intelligence legal services, The emphasis is on the field where the new brain and new procedures can play an advantage, that is, excellent business subjects and high-quality commodity services, which belong to the key areas of AI legal services, especially public services and social governance; for the underground economy, low-cost business needs. It is also necessary to intervene and guide ascension. For low - price business needs, the underground economy, also needs to step in and guide the promotion.

3. Provide AI operation system for business peers to mutual assist and open compete.

To make the AI industry bigger and stronger, with a dense forest, AI+ legal affairs + business affairs has the living environment and space. Dedicating to the "industry to develop and grow, peers to compete and help each other" rules, it provides an open AI competition platform, a hundred schools of contention, a hundred miles of competition, the introduction of industry pioneers, learning and learning to improve; and it provides the competition platform and profit opportunity for AI business peers.

4. Provide AI operation system with business leaders in the same platform to self-improve.

To survive and develop in the AI industry, it practices internal skills first , makes profits and have cash flow, then harmonious symbioses with partners and benefits everyone's common development, and again represents the peer direction, as the leader. Therefore, to retain their own advantages of AI characteristics, it learns and improves constantly, maintains own competitive advantage, without stuck by opponents; it rewards AI good advice, golden ideas.

5. Provide AI operation system for business support and rescue, merge and reorganize.

There must be life and death in the fight and killed battlefield, and there must be survival and death in the business competition sea; for the defeat of the competitors, it should "rescue the dangers, you me together". Therefore, it provides AI to predict the growth cycle of business enterprises, merges and reorganizes the leading technology dying companies in the same industry, merges and reorganizes the backward sectors in its own business to maintain the prosperity of the industry and improve its vitality.

Brief description of the Drawings

In order to more clearly illustrate technical solutions of the embodiments or the current technology, the following is a brief introduction to the drawings that need to be used in the embodiments or in the existing technical description. Obviously, the drawings in the following description are merely

embodiments of the present invention. for the ordinary technicians in this field, other drawings can be obtained according to these attached drawings without any creative labor.

Description of figures:

Figure 1: Flowchart of reinforcement learning and deep learning algorithm+expert professional Verification

For after-the-fact evidence and facts on legal affairs, AI provides the most accurate and the most suitable identification based on reinforcement learning and deep learning , for the parties to select or for the experts of business evidence and fact to select verify at divide professional and three-grade. For the application and adjudication of law on legal affairs, AI provides the most accurate and the most suitable adjudication based on reinforcement learning and deep learning , for the parties to select or for the legal experts to select verify at three-grade.

For the qualification credit and credit limit of fine business subjects, AI provides the most accurate and the most suitable identification based on reinforcement learning and deep learning , for the parties to select or for the experts to select verify at three-grade. For the high business quality, process control, AI provides the most accurate and the most suitable identification based on reinforcement learning and deep learning , for the parties to select or for the experts to select verify at three-grade.

Figure 2: Relation diagram of process control and improvement for AI+ legal affairs + business affairs

The main application of AI lies in: on the Internet of human, set up the expert database to identify the credit qualifications of business subjects; on the Internet of Things, identify business affairs quality, to control and improve the production and service processes; on the Internet of intelligence, to coordinate and to complement reinforcement learning , deep learning , expert systems and experts database .

The main application of AI+ legal affairs lies in: applying reinforcement learning, deep learning, expert systems, experts database, makes up for the shortcomings of human intelligence. Applying artificial intelligence, controls and improves legal procedures, such as contract freedom, evidence identification, factual identification, legal application, reconciliation, mediation, arbitration, and automatic performance. The integrating artificial intelligence legal services into specific business processes, provides a legal protection framework for business.

The main application of AI+ legal affairs + business affairs lies in: based on Improving the Internet of human, Internet of Things, Internet of intelligence, innovates the new process of AI legal

services , integrate into the business field that needs to take advantage of AI+ legal affairs advantages, The emphasis is on excellent enterprises, high-quality commodity services, especially in the field with public services nature and requiring social governance, such as education, medical care, transportation, etc. , For the low-priced goods and underground economy, guide to become bigger and stronger, thoroughly remould and reborn .

Figure 3A: algorithms for Deep learning

Deep learning is also called deep structure learning, deep machine learning and hierarchical learning. It can be divided into supervised learning and unsupervised learning. It is a method of representation learning based on data in machine learning. The idea of deep learning is to stack multiple layers and express the input information in a hierarchical way. A special attribute of the flow graph is depth: the length of the longest path from one input to one output.

Figure 3B: algorithms for reinforcement learning

Reinforcement learning, also known as reinforcement learning and evaluation learning, is the learning of the agent from the environment to the behavior mapping, so that the reward signal (reinforcement signal) function value is the largest; the learning is done in a "trial and error" manner, the goal is obtain the biggest reward; because there is very little information given by the outside, it must rely on your own experience to learn by itself. The three most critical factors for reinforcement learning are state, behavior, and environmental rewards.

The difference between reinforcement learning and deep learning is that Google's AlphaGo Zero (by playing chess with itself) defeats AlphaGo (training about 30 million sets of human chess data), that is, AlphaGo Zero not only abandons humans Chess score, learning from scratch, and abandoning the characteristics of human design, the abandonment of human beings thoroughly, in addition to the rules of the game, do not use any data and knowledge of humans.

Figure 4: schematic diagram of stereoscopic video online and dynamic adjustment (only borrow photo)

The input video of each party consists of six Bluetooth remote sensing lenses with front and back two sides and far and near front, the four videos are taken with the most frequent changes of body movements such as the front side body, front other sides upper body, front head and front detail movements . The output video is taken from three remote arbitrators with frontal sides and close front, two picture per person, the same for the lawyer. According to the number of actions, the size is dynamically sorted, and the combination is synchronized display on the one or two screens.

The stereoscopic video input software can authorize the production of three cameras for stereoscopic input, which can be extended to online video projects such as online video consultation; stereoscopic video output software can be directly displayed on mobile phones, computers or mobile phone rings, and the watch ring can be extended to health care. Display reminders, measurement inputs. The stereoscopic video input software, can authorize the production of stereoscopic input six cameras, can be expanded to online video projects such as online video consultation. The stereoscopic video output software, can be directly displayed on the phone, computer or watch ring, watch ring can be extended to health care display reminder, measurement input.

Figure 5A: three-dimensional traffic profile

Figure 5B: three-dimensional traffic elevation

Schematic diagram of AI three-dimensional traffic system layering, hub, garage, navigation

Municipal public transportation can be built below the fourth floors, and private shopping malls can be built above the third floors. for example: The first floor: free layer for pedestrians and heavy vehicles (aerial trains can be added above), The second floor: rail layer for subways and trams(three dimensional parking lots can be added), The third floor: bus layer for rentals and buses transports (parking lots can be added); The fourth floor: self driving layer for cars and public buses (parking lots can be added), The fifth floor: shopping consumption layer (parking lots can be added), The sixth floor: sightseeing leisure layer (cable cars can be added above).

At the roadsides of intersections and hubs, green belts, upper and lower elevators and pedestrian passages will be equipped , can be connected to shopping malls and connecting fueling interfaces. Each floor can be built with 3-4 plus-layer three-dimensional parking spaces. Each floor can be built with 3-4 plus-layer three-dimensional parking spaces. The AI robots can allocate the parking spaces according to the time and space, carrying cars into and out of the storage.

Detailed Description of the Preferred Embodiment

In order to clarify the purposes, technical schemes and advantages of the present invention, a clear and complete description of the technical schemes in the embodiments of the present invention is given below.

Obviously, the embodiments described are only part of the embodiments of the present invention, not all of them. Based on the embodiments of the present invention, all other embodiments

acquired by a person of ordinary skill in the art without performing creative work shall fall within the scope of protection of the present invention.

Embodiment 1. Operation scheme of reconciliation mediation arbitration of the AI+ legal affairs.

Simultaneous data evidence facts, AI deposit, recurrence, both parties approve voluntarily , reaching a settlement agreement; notarization certification, guiding both parties to reconciliation, preventing most disputes. The evidence, facts, legal data, video data of both parties to the dispute , AI applies reinforcement learning and deep learning reaches the most accurate and the most suitable identification and adjudication to it; both parties approve voluntarily, and immediately reconcile; the evidence facts experts explain to persuade and verify, guide the both parties to approve, reconcile the priority .

Lawyers mediate, reconcile the priority; reconcile fails, the mediation book is valid for delivery and signing. Arbitrator arbitrate, once again explain to persuade, guide both parties to approve, reconcile the priority; reconcile fails, strive for mediation, mediation book is valid for delivery and signing; mediation failure, timely arbitration, valid for delivery .

Embodiment 2. Operation scheme of user contract perform of the AI+ legal affairs+ business affairs.

The transaction between the excellent enterprise and the high-quality business can be optimized by the IA system; the AI provides the credit qualification information of the excellent enterprise and the quality identification information of the high-quality business. Through the AI system to exchange, negotiate, sign contracts, choose the arbitration contract terms to give artificial intelligence and experts the verification role; both sides reach a cooperation intention, can provide comprehensive dynamic due diligence according to the contract, to help both parties make timely and correct decisions.

Contract perform, AI traces and controls the credit line of both parties, production service process, quality of commodity and services, insufficient amount of insurance to provide insurance guarantees, prevent disputes; perform delivery, AI supervise to accept to confirm to pay; quality problems, AI urges objections, control quota; Disputes, mostly reappear the facts of evidence, promote both parties reconcile; after-fact evidence facts, apply AI legal procedures to solve; final implement, AI timely transfer quota.

Embodiment 3. The operation scheme of the AI's talent mechanism capital.

Heavy talent. It needs introduction, heavy use, and incentive mechanisms. It requires high-paying talents, recruiting part-time employment, and equity incentive technology management elite teams.

Heavy mechanism. It needs good law, good governance, needs to build a good and simple legal system, and an effective and active operating mechanism in the game.

Light assets. All countries are in excess of money, and the wealthy in China have more money and less good projects, but it need light assets to reduce risks and improve efficiency.

Light bondage. The development of AI is too fast, the decision-making process of state-owned shareholders is too slow, and it is not suitable for the needs of the technology market. It is necessary to introduce a private mechanism to operate flexibly.

American economist Mankiw believes that the competition for the comprehensive strength of the economy depends on talents and mechanisms; 15% of the technology or 5% of the revenue should be paid.

Embodiment 4. operation scheme of AI's online stereoscopic video.

Input video: In each party, the front and rear sides are about 45° angle, the front and the far angle are about 90°, install the six Bluetooth remote sensing lens. AI automatically takes the most frequent changes movement of left or right body, right or left upper body, front head, front details, four together on a screen. Among them, the more action, the larger area occupies in the video, and the automatic arrangement of the size, from the average of four to one occupies the majority.

Output video: Take three remote arbitrators with a 45° angle in front and a 90° angle in front, it installs two Bluetooth remote sensing lenses. The AI automatically takes two pieces of the front upper body and the front head, counting 6 pictures. The lawyer is the same, plus the party's 8 picture, merges them into one or two screens to display synchronously.

The above input and output video can be synchronized and recorded as evidence. It can be stored as evidence and can be called at any time with the consent, but it must be kept secret.

As a video online consultation, the input Bluetooth remote sensing lens should be adjusted and aligned as needed, aligning lesions, such as the middle height of the operation.

The stereoscopic video input software can authorize to product six cameras and load into the AI system; the stereoscopic video output software can be directly displayed on the phone, computer or watch ring; the watch ring can be extended to the health medical display reminder and measurement input.

Embodiment 5: Operation scheme of mobile phone user terminal of AI commodity service

The business operation mode of AI+ legal affairs+ business affairs. The following technical scheme from the phone user terminal are as follows:

1. "Home page" technical plan. At the top, in the three columns of Scan, Search Box, Information, add two new columns "Positioning" and "Members", which can directly display the blank, "Voice, Photo, Video" smart search mode logo in the search box. In the middle part, the up and down set up audio-visual and video scrolling promotion, the middle add the new column, such as "health, teaching, transportation, service. . . " "drugs, food, excellent products, commodities. . . ", "notarization, lawyers, rulings, legal affairs. . . " In the lower part, in the three traditional columns, such as home page, shopping cart, my, add two new columns "Nearby" and "Connected", which can directly display the "category" of the products in the homepage.

The upper "positioning" and "members" display the identification information; the "voice, photo, video" is converted into the smart search related data information.

2. The intermediate product "category" technical program. The upper and lower ends remain unchanged. In the middle part, the left side set the recommended classification column for scrolling up and down , the upper side is suspended the new columns left - right rolling , such as "luxury, well-known, famous, superior, first-class, qualified, second-hand, low-priced. . . " The lower side is suspended the emerging columns left-right scrolling , such as "quality insurance, insurance, production, channels, sales, positioning . . . " the right middle part shows the filtered products.

"Luxury, well-known, famous, superior, first-class, qualified" conduct for certificate identification, quality verification, and the insurance and guarantee for quality and performance ; "second-hand, low price. . . " automatic prompt voluntary risk; "quality assurance, compensation insurance, production, channels, sales, positioning. . . " conduct identifying and verifying for the producer, channel and distributor, can be positioned and verified, and an insurance or guarantee contract shall be signed for the quality and performance of the contract.

3. The lower part of the commodity "near" "connection" technical program. The lower and upper end , the lower and upper and left side, do not change. The up displaying filtered items above. (1) Click "Nearby", the lower side will increase the position of the offline store where each item is displayed after the screening; point to the offline store~ the connection of the related products, click to enter the selection; click the offline store to show the store pass plan; click again, Enter the navigation. (2) Click "Connect", when in the "near" mode to open ~ increase the number of the store under the floating line, click to enter the online call, video selection; when in the "near" mode

to close ~ increase the floating phone number of producer , the the channel, the seller, click to enter the online call, video selection.

"Nearby" "connection" is to be positioned, navigated, and identified.

4. Select the product or service you want to purchase , click “Add to Cart”; scroll down to display the product information such as the quantity, quality, composition, variety, model, grade, etc. ; showing the information such as the origin, soil environment, producer, channel, sellers, nearby stores, insurance, guarantees, etc. . After selecting the options, click “Confirm” to join the shopping cart. In the shopping cart, you can check and modify, compare relevant information, and decide how to purchase.

5. In the shopping cart, select the goods or services you want to purchase, click "Settlement", scroll down to display the information such as the agreement of reconciliation mediation arbitration, choose the applicable legal norms, deposit reappear notarize the data evidence, both parties approve or experts verify the AI facts evidence, divide-grade and divide-professional of expert database. After making selections or texts and voice descriptions, click “Submit Order” to pay immediately, the seller can confirm the validity or reject.

6. After receiving the goods and services, the consumer will check and accept the goods. After the quality has no objection, click to confirm the receipt and payment. If the consumer refuses to accept , return immediately; if the consumer accepts the goods and services, no objection, no return, but not click to confirm the receipt and payment, the AI reminds the quality of the inspection every three days to raise an objection, automatically confirms the payment within 15 days, and stores the data evidence of the large transaction.

Claims

1. A business operation mode of artificial intelligence + legal affairs + business affairs, that is a kind of solution by executing artificial intelligence computer program to control and improve business operation process (including legal affairs operation procedure); the purpose is to solve the technical problems of how to apply artificial intelligence technology to improve the quality of business affairs(including legal services); the method is executing computer programs and applying artificial intelligence technology and legal means that follow natural laws; reflection is the technical quality standards and technical specifications; It achieves the technical effects in line with natural laws, such as artificial intelligence software and hardware, improving business quality, saving business time, reducing transaction cost and improving social credibility, etc.; artificial intelligence is the empowering platform, legal affairs innovation is the soul of the main body, business quality is the ultimate goal; the improving of artificial intelligence lies in "double learning" and "double experts", the innovation of legal services lies in "new brain" and "new procedures", the improving of commodity service lies in "two lines" and "two supports"; its application is composed of 1 system, 3 sub-systems and 13 modules, AI is the empowering, legal affairs is the main body, business affairs is the framework; looking from the perspective of the connecting of the three networks of Internet of human, Internet of things, Internet of intelligence, and the superposition of AI, legal affairs, business affairs, the characteristics are as follows:

(1)artificial intelligence:

(i)Internet of human:

"multi-user" connecting of persons, improves to the "all-user" connecting of persons among experts in law, education, health, transportation, business, etc; the connecting of persons among consumers, growers, producers, service providers, sellers and civil servants; the connecting of persons among natural persons, enterprises or government organizations; the connecting of persons between"all-user" and legal intelligence, intelligence education, intelligence health, intelligence traffic, intelligence business;

(ii)Internet of things:

the material connecting of "things and things", "things and human", improves to the material connecting of "things and legal affairs", "things and business affairs"; the material connecting between information perception, intelligence transmission, cloud computing, and enterprise credits, quality standards, production processes; the material connecting of the real world, digital world and

intelligent world; and it will materials connect with cutting-edge technologies, optimize production processes and improve business quality;

(iii)Internet of Intelligence:

the Intelligence connecting of " human and doing things ", improves to the double-track system of algorithm for deep learning and reinforcement learning, the double-track system of AI expert system and expert database with divide-grade and divide-professional, the dual-application scenario of artificial intelligence + legal affairs + business affairs, the dual-application mode of artificial intelligence social governance + business operation;

(2)artificial intelligence + legal affairs:

(i)Internet of human:

the single-track system of legal experts, improves to the multiple choice and three-track system of experts from business evidence, facts and law; the expert qualification credit Confirmation, improves to the five-track system of qualification credit, genetic inheritance, EQ and IQ, professional testing, performance evaluation; expert life-long system, improves to selecting expert database according to divide-grade and divide-professional, and annual evaluation promotion, especially the online assessment of annual update of professional competency;

(ii)Internet of things:

once arbitration, improves to multiplex mechanisms for multiple voluntary reconciliation priority, three-grade mediation by lawyers, and three-grade mediation and adjudication by arbitrator; "first award being the final award", improving to AI's stage by stage and multistage of three-grade trial of business evidence, three-grade trial of business facts and three-grade trial of business law; the after-the-fact written evidence, improves to a two-track system based on simultaneous electronic multimedia evidence; manual registration, delivery and executing, improves to intelligent online registration, electronic delivery, electronic allocation; abstract recording of the main points of a case, litigation request, evidence, proof, fact and reason, improves to the actual recording all is truthfully provided by the interested parties and can not be abridged;

(iii)Internet of intelligence:

the arbitrators monopolize evidence authentication, factual authentication, and law application, improves to AI apply algorithm of reinforcement learning and deep learning to carry out evidence identification, fact identification and law application as preconditions; arbitrator-led, AI-assisted, improving to AI-led, expert-assisted verification, parties may apply for upgrading;

(3)artificial intelligence + legal affairs + business affairs:

(i)Internet of human:

to classify and grade operators, enterprises and other users, improves on assisting small and weak individual business households and enterprises, and guides them to become bigger and stronger; fine enterprise credit qualification confirmation, improves on AI verification services for corporate governance, talent team, and due diligence verification; enterprises applies online and provide materials such as qualification certificates and operating conditions, improves on AI calculation and expert three-grade verification; applies the credit qualification information, user evaluation and transaction data of the "all-user" Internet of human to track and adjust, and improves on providing time dynamic graph; AI comprehensive due diligence investigation replaces financial, tax, legal and business due diligence, and make disclosure, dynamic adjustment and electronic delivery as required by the transaction of both parties;

(ii)Internet of things:

to classify and grade goods, services and other needs, improves on accommodate the growth of secondhand goods, low price goods, flea market and underground market, and guides to improve quality and reborn; AI ranking of high quality goods and services, improves on the link of standard comparison table and cost performance ranking; grades the market according to users, quality and amount, improves the quality grading, high quality and good price, and channel guarantee for high quality goods and services; selective purchase according to user experience evaluation and entity verification, improves on video purchase, travel experience, training experiment and so on to recommend and identify quality, and online and offline at the same price for the same style; AI controls the environment facilities and operation process of high quality service, and improves on divide-professional and divide-grade, qualification, professional expertise of service experts; AI improves controlling the production environment, working Processing flow and logistics process of high quality products, and improves on the origin and raw materials; AI improves on services to high-quality goods and services that can be located, video, tracked and verified in accordance with the contract;

(iii)Internet of intelligence:

improves on AI calculation, expert three-grade selection of enterprise quality assurance ability, performance compensation capability, credit limit , and user may apply upgrade; improves on insurance and guarantee for quality responsibility and performance compensation, improves on timely transfer within the credit limit on line to ensure performance.

2. As stated in claim 1, a business operation mode of artificial intelligence + legal affairs + business affairs, artificial intelligence (1), the most prominent features are the "double learning" in parallel with reinforcement learning and deep learning, and the "double experts" in cooperation between online expert system and offline expert database, particularly must consider the objective impact of different cultural traditions and industry habits; it is characterized by mainly including the following steps:

(1) the user inputs service demand information from the input module to the system, and transmits it to the system of AI+legal affairs + business affairs, for collecting information about the user's needs;

(2) AI+legal affairs + business affairs system's reinforcement learning and deep learning module analyzes and processes the demand information according to the user's service requirements;

(3) the information processed by reinforcement learning and deep learning modules, is classified and integrated processing according to different types to form modular data;

(4) the AI+ legal affairs + business affairs system recombines different modularization data based on the combined module, and applies the adaptive algorithms of reinforcement learning and deep learning to process the modularized data to obtain the most accurate and the most suitable two solutions;

(5) the user reads the most accurate and the most suitable two solutions through the output module of the system, giving priority to approve and select;

(6) without the user approving, the three-grade experts make interpretation according to the contract to help the user understand, accept, then approve and select;

(7) if the user fails to approve it after the interpretation, the three-grade experts make verification according to the contract, then issues the verification or adjudication, and takes effect after delivery.

3. As stated in claim 2, a business operation mode of artificial intelligence + legal affairs + business affairs, mainly includes input module, reinforcement learning module and deep learning module, classification modeling module, combination module, output module, user module and expert database module; its characteristics are as follows:

(8) "double learning": the reinforcement learning module is parallel with the deep learning module, considering the objective impact of different cultural traditions and industry habits, to form the ideal interval between the most accurate and the most suitable selection according to the strict scientific logic and flexible human experience;

(9) "double experts": the online expert system cooperates with the offline expert database to help each other and complement each other's advantages; the expert system refers to a computer intelligent program system with specialized expertise and experience, expert database module includes intermediate, advanced and super grade experts in the business fields of evidence, facts, law;

(10) expert database: sets up three professional according to the evidence, fact and law of business, and evaluates three-grade as intermediate, advanced and super grade; to actualize specialization according to computer, finance, commerce and trade, production and so on, to conduct actual practice according to reconciliation, mediation, arbitration, adjudication and so on; enter the grading database according to academic knowledge, performance evaluation, EQ and IQ, professional test, and annual update evaluation and grading promotion.

4. As stated in claim 2, a business operation mode of artificial intelligence + legal affairs + business affairs, successively through the procedures of service demand, information collection, analysis and processing, classification and integration, data reorganization, solutions, expert interpretation, and expert verification; its characteristics are as follows:

(11) gathering information: the information types of "double learning" are divided into writing, text, drawing, picture, image, voice, audio, video, fingerprint, face; the methods include search, identification, interpretation, understanding and so on; it also involves the accurate measurement of physical quantities such as position, velocity, temperature, mass and strain;

(12) the service demand: mainly includes business evidence identification, business fact identification, legal application and adjudication; qualification and credit of experts and enterprises, business quality and process control; health care, education training, transportation, commodity service and its expansion;

(13) expert interpretation, expert verification: experts is professionally divided according to the evidence, facts and laws of business, and is graded according to intermediate, advanced and super grade, make transparent interpretation, helping users to understand and accept; and experts conducts interval verification, making evidence verification, fact verification and legal adjudication.

5. As stated in claim 1, a business operation mode of artificial intelligence + legal affairs + business affairs, artificial intelligence + legal affairs (2), mainly includes the sectors such as the selection of special contract terms, simultaneous evidence fact identification, post-event evidence fact identification, AI+ expert arbitration after reconciliation + mediation, AI's credit qualification assessment + insurance guarantee performance; the feature is "new brain" of double experts and

"new procedure" of reconciliation mediation and arbitration; it is characterized by mainly including the following steps:

- (1) with contract authorizing, AI plays the basic role in evidence identification, fact identification, algorithm adjudication and performance guarantee;
- (2) with contract agreement, parties give priority to approbate the simultaneous evidence and facts of AI reappears or notarization, and voluntarily reconcile as soon as possible in advance;
- (3) with contract agreement, first AI evidence three-grade verified, then AI fact three-grade verified, experts persuade to mediation;
- (4) with contract authorizing, experts online trial and three-grade verify the AI adjudication, respect the original intention, mediation first and arbitration afterwards;
- (5) with contract authorizing, AI+ experts verify corporate credit, control credit limit, guarantee performance and quota transfer.

6. As described in claim 5, artificial intelligence + legal affairs, with contract authorizing, AI plays the basic role in evidence identification, fact identification, algorithm adjudication and performance guarantee (1), it is characterized by mainly including the following steps:

- (6) the contract authorizes AI to play the pre-basic role: (i)AI apply reinforcement learning and deep learning, first makes evidence the most accurate identification"A" and most appropriate identification B; (ii)then makes the facts the most accurate identification"A" and and most identification approbation B; (iii)finally, makes the law application the most accurate adjudication"A" and most appropriate adjudication B;
- (7) the contract authorize expert verification to play the selective role: (i) the experts of evidence, facts and legal chooses in the interval between"A" and"B" which AI identification and adjudication, the selection outside the interval needs to be explained, and both parties may apply for an upgrade; (ii)the experts are responsible for the transparency and interpretation of the algorithm and guide both parties to understand and accept it.

7. As described in claim 5, artificial intelligence + legal affairs, with contract agreement, parties give priority to the simultaneous evidence and facts of AI recurrence or notarization, and voluntarily reconcile as soon as possible in advance (2), it is characterized by mainly including the following steps:

- (8) AI plays a fundamental role in synchronizing evidence facts: (i)before the dispute, AI automatically stores important parts, and synchronously deposits and preserves them to the notarial

organs online; (ii)after the dispute, AI reappears the electronic data evidence of business transactions for both parties to choose to approbate and reconcile; (iii)if a party fails to approbate it after reappearance, AI online notarizes it following the agreement, and takes effect after delivery, for both parties to reconcile;

(9) both parties plays a approbation role in synchronizing evidence facts: (i)before the dispute, both parties mostly chose AI storage and synchronized notarization deposited; (ii)after AI's reappearance, most of the two parties choose to approbate and take effect, and actively voluntarily reconcile after the game; (iii)if a party fails to approbate it after reappearance, AI notarizes it and takes effect after delivery.

8. As described in claim 5, artificial intelligence + legal affairs, with contract agreement, first AI evidence three-grade verifies, then AI fact three-grade verifies, experts persuade to mediation(3), it is characterized by mainly including the following steps:

(10) first, third-grade verifies of post-event business evidence, then reconciles and mediates: (i)after disputes occur, AI firstly applies reinforcement learning and deep learning to make evidence the most accurate identification"A" and most appropriate identification B, the game guides most of the two parties to have priority approbate interval and reach reconciliation agreement; (ii)after AI evidence identification, If one party does not approbate it, business evidence experts interpret the algorithm online and persuade both parties to understand, to reach a mediation agreement, and takes effect after delivery; (iii)If the mediation of business evidence experts fail, select and verify in time within the interval, and explain the selection outside the interval, takes effect after delivery; (iv)both parties may apply for expert verification of business evidence at the middle, high and super grades in turn, and also for upgrade or direct super-grade identification;

(11) then, third grade verifies of post-event business facts, then reconciles and mediates: (i)after the evidence verification, if there is a factual dispute, AI first makes fact the most accurate identification A and the most appropriate identification B, the game guides most of the two parties to approbate interval, prioritize reconciliation, and reach agreement; (ii)after AI fact identification, without one party approbating, business fact experts interprets the algorithm and persuade both parties to understand, to reach a mediation agreement, and takes effect after delivery; (iii)If the mediation of business fact experts fail, select and verify in time within the interval, and explain the selection outside the interval, takes effect after delivery; (iv)both parties may apply for expert verification of business fact at the middle, high or super grade in turn, and also for upgrade or direct super-grade verification.

9. As described in claim 5, artificial intelligence + legal affairs, with contract authorizing, experts online trial and three-grade verify the AI adjudication, respect the original intention, mediation first and arbitration afterwards(4), it is characterized by mainly including the following steps:

(12) online application, filing, proof, reply: (i)both parties apply for mediation or arbitration online, electronically deliver the notice of acceptance; review within 1 day, electronic delivery of supplementary materials notice; online payment, electronic delivery notice; (ii)both parties provide evidence online, exchange evidence, and electronically deliver evidence receipts; (iii)both sides online defense, application lists the matter, evidence; the other party make online defense, counter evidence, electronic delivery of the reply receipt;

(13) lawyers apply law, online reconcile and mediate: (i)both sides may choose a lawyer without interest or prejudice to mediate, and may choose a different place; (ii)AI written trials to makes application of law the most accurate judgment predictions"A" and the most appropriate adjudication predictions B, most parties priority to approbate the intervals and reach a reconciliation agreement; (iii)lawyers conduct voice or video mediation online and interpret AI algorithm, giving priority to reaching a reconciliation agreement; if no settlement is reached, both parties may apply for senior lawyer mediation step by step, or directly for senior or special mediation; if mediation and conciliation fail, make the mediation document in time, and takes effect after delivery;

(14) arbitrators apply law, reconciliation, mediation and arbitration: (i)both sides may choose a arbitrator without interest or prejudice, and may choose a different place; (ii)the three arbitrators can choose to have long-term trial in work breaks and holidays, saving time and cost; (iii)AI makes application of law the most accurate adjudication"A" and the most appropriate judgment"B" through reinforcement learning and deep learning by combining the data of reconciliation, mediation, verification, prejudge and trial; (iv)the arbitrators interpret the algorithm, persuade to understand and accept, and prioritize reach a reconciliation agreement; if the mediation agreement is reached, and delivered to takes effect; (v)if the mediation fails, make select adjudication within the interval in time, and the external demand explanations, and delivery to takes effect; (vi)the final decision and the delivery to takes effect, both parties may apply for upgrade mediation or arbitration before the arbitration is delivered and signed;

(15) arbitrators online video trial: arbitrators, lawyers take the upper body and head video, the party takes the whole body, upper body, head, detail video, synchronized merge video recording, save confidentiality; stereo video input and output software, can be authorized to produce AI hardware;

(16) the adjudication respects the real intention of both parties and electronic encrypted delivers:

(i)the facts of the dispute respect the original intention and objective reality of both parties; strictly prevent the deletion of the case, claims, facts, reasons, evidence, proof, and strictly prevent concealment of evidence and reasoning; (ii)the adjudication's documents are confidential, strictly prohibit disclosure electronically deliver, and electronically return.

10. As described in claim 5, artificial intelligence + legal affairs, with contract authorizing, AI+ experts verify corporate credit, control credit limit, guarantee performance and quota transfer(5), it is characterized by mainly including the following steps:

(17) verify credit and control limit: (i)AI applies reinforcement learning and deep learning to calculate the credit and quality assurance capacity of the responsible subject; financial experts verify the credit limit from the interval, and explain the over-interval; (ii)AI tracks and verifies the credit qualifications of fine manufacturers, sellers, and distributors, and provides dynamic charts internally; (iii)to pay the balance, with quality responsibility and to exceed the credit limit, requires providing insurance and guarantee;

(18) guarantee performance, line transfer: (i)AI+ experts calculate and select the actual compensation amount, the large data cloud compute calculate the time value and depreciation loss of currency, excluding the explanation of benefit from default; (ii)online automatic transfer instead of compulsory execution, pay within credit limit instead of cash.

11. As stated in claim 1, a business operation mode of artificial intelligence + legal affairs + business affairs, artificial intelligence + legal affairs + business affairs (3), mainly include AI commodity service, health and medical care, teaching and training, transportation and business development modules; the model mainly includes subject verification, quality verification, nearby stores, indicator analysis, difficult consultation, expert entry, education upgrade, characteristic training, talent training, predictive sensing, navigation video, three-dimensional transportation, open competition, self-improving, merger and reorganization; all accompanied by AI law; the most notable feature is the parallel"two lines" of remote online stores and the nearby offline stores, the parallel "two support" of artificial intelligence and legal services; its characteristics are:

(1) AI cloud business affairs: enterprise credit and due diligence investigation, quality standards and process control, online and offline stores, line control and transfer;

(2) AI health care: AI health analysis, information tips, disease treatment advice, video consultation, family hospital medical care, expert door-to-door;

(3) AI education and training: AI streamlining curriculum, education upgrading; professional skills abroad, examination training; pressure semester full capacity, talent cultivation;

(4) AI traffic transportation: hierarchical three-dimensional traffic, predictive sensor navigation, functional layered roads, roadside plus floor parking, elevator business hub;

(5) AI business affairs development: AI development, AI legal affairs development, mutual competition with peers, promotion with leaders on the same platform, and hand in hand merger in times of crisis.

12. As described in claim 11, artificial intelligence + legal affairs + business affairs, AI cloud business affairs (1), features are two lines and two supports, and its characteristics are as follows:

(6) provides comprehensive development platform and verifies excellent enterprise credit:

(i)classifying and grading operators and enterprises, improve on helping the small and weak enterprises and underground economy, and guiding them to become bigger and stronger; (ii)the verification of fine enterprise credit qualification, improves on the tracking verification of corporate governance, talent team and due diligence, and provided time dynamic chart; details are shown in 1(3)(i);

(7) provides opportunities to make the best use of goods, and identifies high-quality commodity service: (i)classifies and grades all goods and services, and improves them to include flea market, second-hand goods, underground market and low-price goods, and guides to improve their quality and to transform themselves; (ii) AI classification and gradation of high-quality goods and services, improving on the connecting of the standard comparison table the price-performance ranking, strict high quality and high price, verification and tracking control of quality, raw materials and origin; (iii)for the underground economy and low price products, both parties shall choose voluntarily, and AI will indicate the risk; details are shown in 1(3)(ii);

(8) provide performance guarantee for quality responsibility: (i)credit ability, credit line of AI calculation, experts three-grade selection; (ii)insurance and guarantee for quality responsibility and performance compensation; (iii)online credit lines are transferred in time to ensure performance; details are shown in 1(3)(iii);

(9) global online stores coexist with nearby offline stores: (i) remote online stores extend to bulk business and low-priced small commodities; (ii)the shops offline near provide online or offline same-quality and same-price, and express delivery at random; (iii)tourism sightseeing, training practice, improve the sense of pleasure and satisfaction of on-site purchase.

13. As described in claim 11, artificial intelligence + legal affairs + business affairs, AI health care (2), with a certain public service function and social governance model, the most prominent feature is "two lines" between online store and offline store, and "two supports" between AI and legal affairs, and its characteristics are as follows:

(10) provide online services of AI medical technology: (i)AI applies reinforcement learning and deep learning to provide the most accurate and most appropriate treatment recommendations; the health care experts select from the interval; (ii)input analysis of AI physical examination indicators and tips information for health advice; (iii)AI general disease information input and diagnosis and treatment recommendations can be signed by experts for verification; (iv)AI online video consultation and medical treatment plan by the difficult disease expert group;

(11) provides door-to-door service of AI medical technology: (i)doctors and nurses can make an appointment for home treatment, surgery and nursing, and can take portable equipment, borrow and rent the venues and equipment of rural medical units in counties, make full use of the resources of medical experts in spare time, weekends and holidays; (ii) online video guides by AI expert team on difficult miscellaneous diseases and surgery; (iii)county and rural medical units provide medical examination, information input, diagnosis and treatment services with the help of AI.

14. As described in claim 11, artificial intelligence + legal affairs + business affairs, AI education and training: (3), with a certain public service function and social governance model, the most prominent feature is "two lines" between online store and offline store, and "two supports" between AI and legal affairs, and its characteristics are as follows:

(12) provide AI education and training online services: (i)AI refines and simplifies education upgrading online video, and provides the ranking and connecting of similar video; (ii)AI refines and simplifies the videos of graduate students, going abroad, practicing, professional titles, technical skills training, and ranking and connecting of similar videos; (iii)AI provides individualized video courses such as education upgrading, skills, practice, professional titles, and going abroad;

(13) provide effective talents to cultivate special services: (i)after AI personalized analysis, provide primary, secondary, bachelor's and master's courses, join life and work skills education, and use three-semester per year compression system; (ii)take advantage of the holiday, provide sound personality training and guide interest during kindergarten, primary school, middle school, bachelor's and master's study; (iii)apply AI refines and simplifies course, improve teaching efficiency, win points with AI questions, and cultivate students with sound personality before the age of 20.

15. As described in claim 11, artificial intelligence + legal affairs + business affairs, AI traffic transportation (4), with a certain public service function and social governance model, the most prominent feature is "two lines" between online store and offline store, and "two supports" between AI and legal affairs, and its characteristics are as follows:

(14) provides navigation system of three-dimensional transportation: AI sky-eye navigation map + sensor video, stereo navigates car to travel and to park, and improve efficiency: (i)using the monitoring data of vehicle flow and stock, providing the sky-eye system of the time-space distribution of the recent traffic of the car, AI chooses to navigate the car to travel or go into storage and avoid congestion; (ii)applying the technology of driverless cars to provide a sensing system for the environment around the road of the car, which can automatically navigate and rest on its own; (iii)provide logistics channel control system for line positioning and handover of video;

(15) provide stratification system of three-dimensional transportation: builds more than six floors of roads and parking spaces with functional stratification in large cities, to increase area and to save costs; the municipal project can be combined with the private market, the municipal public transportation may below fourth floors, and the private market may above the fourth floors; detailed see the attached figure 3: (i)The first floor: free layer for pedestrians and heavy vehicles (aerial trains can be added above), (ii)The second floor: rail layer for subways and trams(three dimensional parking lots can be added), (iii)The third floor: bus layer for rentals and buses transports (parking lots can be added); (iv)The fourth floor: self driving layer for cars and public buses (parking lots can be added), (v)The fifth floor: shopping consumption layer (parking lots can be added), (vi)The sixth floor: sightseeing leisure layer (cable cars can be added above);

(16) provides garage system of the three-dimensional transportation: In each layer of the hierarchical system can add 3-4 additional three-dimensional parking space, AI robot allocates parking space according to the time and the space, ranked and carry into or out of the garage;

(17) provide hub system of three-dimensional transportation: at the intersection, junction location, roadside builds up and down elevator, green isolation belt, can connect the mall, refueling interface.

16. As described in claim 11, artificial intelligence + legal affairs + business affairs, AI business affairs development (5), the most prominent feature is "two lines" between online store and offline store, and "two supports" between AI and legal affairs, and its characteristics are as follows:

(18) applies AI business operation model to develop business affairs: (i)mainly develops the business field where computer artificial intelligence programs have advantages, especially the areas where "double learning" and "double experts" can play an advantage; (ii)underground economy and low price business need to step in and guide the development;

(19) applies AI+ legal affairs business operation model to develop business affairs: (i)mainly develops the business field in which AI legal affairs have advantages, especially the advantage fields of "new brain" and "new procedures", that is, excellent subjects and high-quality business fields; (ii)underground economy and low price business need to step in and guide the development;

(20) provides business sharing leading technology: (i) keeps the remote online store parallel with the nearby offline store, and "two lines" complement each other and supplementary to each other; (ii) AI applies reinforcement learning and deep learning, and predicts the growth cycle of the enterprise according to the operating data of the market, industry and enterprise; (iii) provides AI competition platform and profit sharing opportunities for fellow travelers; (iv) competes with the leader to learn on the same stage, maintain oneself leading edge, and prevent short-board "bottlenecks"; (v) AI chooses merger and reorganize for difficult companies with advanced technology, and promptly suggests merger and reorganize for those backward business sectors.