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**STATE AND LAW. LEGAL SCIENCE**

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**THEORY AND HISTORY OF STATE AND LAW;  
HISTORY OF DOCTRINES ABOUT LAW AND STATE**

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**LEGAL REGULATION AND SUPPORT OF INTELLECTUAL PROPERTY TRANSFER**© 2018 **Gavrilyuk Artyom Vladimirovich**Assistant of the Department of Economics of Innovative Development  
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In the article features of legal regulation and support of the transfer of intellectual property are considered. The most significant problems faced by rights holders of intellectual property objects are presented. In the context of an actively developing market of high technologies legal regulation in the field of intellectual property acquires special significance since the number of illegal participants in economic activities using intellectual property objects violating the exclusive rights of rightholders is increasing. The author of the article offers key directions of legal regulation and support of the transfer of intellectual property ensuring effective transfer and protection of the results of scientific research, development and technological activities.

*Key words: intellectual property, legal owner, civil liability, transfer of intellectual property.*

**THE DOCTRINE OF «PIERCING THE CORPORATE VEIL»:  
THE HISTORY OF THE EMERGENCE, FORMATION, DEVELOPMENT  
AND ITS IMPLEMENTATION IN THE LEGAL SYSTEM OF RUSSIA**© 2018 **Krivtsun Evgeniy Petrovich**

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The purpose of this research is to use the comparative-legal and historical-genetic methods to consider the emergence of the doctrine of «piercing the corporate veil», its formation within the Anglo-Saxon legal family with the subsequent introduction in theory and practice of Russian legal thought. Within the framework of the work the main events with which the emergence of the named doctrine, its subsequent application and development, and also the peculiarities of its use in modern Russia were related. As part of this paper, it has been shown that the application of the doctrine of «piercing the corporate veil» in Russian law enforcement practice in bankruptcy cases is already widely used, but at the same time, its use is still isolated cases, and as a rule, this only occurs in large cases. At the same time, the doctrine is already understood in the theory of law, and in 2009 it was reflected in the concept of the development of civil legislation; at the same time, the complexity of its implementation in Russian legislation is also due to the lack of sufficient scientific elaboration of the criteria for its application and the possibility of their legislative determination.

*Key words: corporate responsibility, the doctrine of «piercing the corporate veil», bankruptcy*

## HISTORICAL AND LEGAL ASPECTS OF THE DEVELOPMENT OF THE RUSSIAN LEGISLATION ON THE ESTABLISHMENT OF THE ORIGIN OF CHILDREN

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The article is devoted to the historical and legal analysis of the development of the Russian family legislation in the field of determining the origin of children. The article reveals the peculiarities of legal regulation of relations to establish the origin of the child from the times of Ancient Rus to the present. This approach makes it possible to follow the development of family law, to identify the reasons that have influenced the institution of establishing the origin of children in it, its changes over time, and draw conclusions about the prospects for the development of norms contained in modern family legislation.

*Key words: the history of the development of family legislation, the origin of the child, the establishment of the origin of children.*

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### FINANCIAL LAW; TAX LAW; FISCAL LAW

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## CYBER TRAPS IN THE INDUSTRY OF FINANCIAL SERVICES

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The article discloses some general aspects of cybercrime in the financial services industry, differentiates the types and threats of the existing system for protecting information from cybercrime. Theoretical and practical study of this issue allowed the authors to identify the need for significant changes in the organization of international activities to combat cybercrime. Modern studies in this area of organized crime, prove that the number of criminal offenses against the security of information grows with the development of information technology.

*Key words: IT sphere, cybercrime, cybersecurity, cyber attack, cybercrime, information technology, financial services.*

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## PECULIARITIES OF LEGAL AND CONTRACTUAL MORTGAGE IN ACTUAL CIVIL LAW

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This article focuses on the legal regime of various collateral designs. Particular attention is paid to the analysis of contractual and legal mortgages. The author investigates the specific features of the origin of mortgages, both by virtue of the law, and by virtue of the contract. In the process of research, the peculiarities and subtleties of the civil law nature of the pledge of real estate subject to various grounds of emergence are revealed. It is noted that one of the characteristic features of a mortgage is its mandatory state registration. The author makes an attempt to reveal the features of this mortgage institution in this context.

*Key words: mortgage; pledge; pledge registration; legal pledge, contractual pledge; transfer of ownership; retention of title, bona fide debtor; bad debtor; pledger, pawnbroker; termination of collateral.*

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**INTERNATIONAL LAW; EUROPEAN LAW**

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**INTERNATIONAL CHARACTER OF DEVELOPMENT OF INSTITUTE  
OF CONCESSION (FRANCHISING) IN RUSSIA**© 2018 **Yushchenko Natalya Anatolyevna**

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The system of international legal regulation of the institution of commercial concession (franchising) in Russian practice is presented, by analyzing international acts regulating commercial concession (franchising), and their effectiveness is estimated. The directions of unification and harmonization of Russian legislation on the basis of the norms of international law have been identified. The ways of eliminating the discrepancy between norms between the legislation of Russia and the requirements at the present stage of the world community are explored

*Key words: commercial concession, franchising, intellectual property, civil law, private international law; model law.*

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**ECONOMY. ECONOMIC SCIENCE****ECONOMIC THEORY****ADAPTATION OF NEOCLASSICAL MODELS OF ECONOMIC GROWTH  
TO THE PROBLEMS OF EMERGING MARKETS**© 2018 **Wen Guanxu**

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The article deals with the theoretical foundations of the neoclassical growth model for the model R. Solow and the possibility of its application to the analysis of emerging markets. The authors consider theoretical problems arising from the use of neoclassical growth models in developing countries and the ways of solving these problems offered by modern economic science.

*Key words: economic growth, neoclassical economic theory, R. Solow's economic growth model, technological progress, human capital, externalities, saving rate*

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**EFFICIENCY IN THE PAST AND THE DIGITAL FUTURE**© 2018 **Kremlev Tikhon Sergeevich**

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The history of efficiency research is directly connected to the history of economic practice and economic science. This relationship represents the organizations' perception of the goals and objectives of

enterprises in carrying out their activities. The category of efficiency is a crucial criteria in the selection and adoption of management decisions, it signals the success of work in a particular industry. According to the history of efficiency in the frames of economic exercises makes it possible to better understand its essence, and monitoring of the latest trends in the digital economy represent at the transformation of efficiency.

*Key words: Investment projects, investment efficiency of the project, digital projects, digitization.*

## EFFECT OF INCOME TAX RATE INVESTMENT DECISION MAKING

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The influence of the nominal and effective rate of income tax on the dynamics of investments in fixed assets by small and medium-sized businesses is considered. The use of the indicator of the ratio of gross profit to investment in fixed assets, allowed to determine the degree of confidence of investors in the state of the tax environment for business investment. The comparison of this indicator with the size of investment in fixed assets is carried out. During the analyzed period, it is below the effective interest rate, which implies uncertainty of investors in investing in business expansion.

*Key words: tax rate, investments in fixed assets, gross profit, tax system, value added*

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**ECONOMICS AND MANAGEMENT OF NATIONAL ECONOMY**


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**THE ISSUES OF FOOD SECURITY IN THE CITY OF MOSCOW**

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The article deals with the main problems of ensuring the food security of the city of Moscow, as ensuring the needs of the population with products of domestic production determines the objective need for the development of the food market and the creation of additional jobs, thereby improving the quality and standard of living of Moscow residents. The food market of the metropolis is one of the largest in the country, which determines the complexity of its formation, there is a social and economic imbalance between low-income and high-income categories of citizens, there are problems in the development of trade infrastructure and the presence of many intermediary structures, etc.

*Key words: food security, import dependence, public policy, trade balance, trade infrastructure, food quality, monitoring system*

**THE SYSTEM OF INDICATORS AS A TOOL FOR MANAGING THE DEVELOPMENT OF MEGAPOLIS**

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At present, the task of ensuring sustainable development of mega-cities, which are the economic centers of the region with a high level of innovation, investment and human potential, is becoming more urgent, and the realization of all the advantages of which is possible only in the conditions of an effective management system. The quality of managerial decisions regarding the choice of the direction of

socio-economic development of a metropolis depends on the completeness and reliability of the information base. The content component of information support for decision-making in the management of megacities (cities) is formed on the basis of a system of indicators, with the help of which the functioning processes are described, and regularities and trends in the development of the objects under investigation are revealed. In this regard, the article discusses the methodological foundations for improving the system of indicators as a tool for managing the development process of the agglomeration under study.

*Key words: megacity, investment attractiveness, human capital, innovative activity, diversification of activities.*

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## LOGISTICS OF AGRICULTURE IN THE CONDITIONS OF SANCTION DEVELOPMENT

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The Present article is devoted to the development of domestic agrologistika in modern conditions. Explores the possibilities of logistics cooperation as a means of improving agriculture in small business. The authors put forward and substantiated the hypothesis that increasing demand and accelerating development agrologistika during the period of anti-Russian foreign economic sanctions.

*Key words: logistics, sanctions Agrologistics, agribusiness, supply chain, farmers.*

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## **CLUSTERING OF MUNICIPAL DISTRICTS OF THE REGION ON THE BASIS OF FACTORS AFFECTING MILK PRODUCTION IN THE REGION (BASED ON MATERIALS OF THE ULYANOVSK REGION)**

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Based on the data of the Ulyanovsk region, the analysis of milk production in the region was carried out in the article. The dynamics of changes in the number of cattle, gross milk yield, average annual milk yield is considered. Breeding work in the region and provision with processing capacities were considered. On the basis of the developed method, indicators of the development and efficiency of the dairy industry in the municipal districts have been calculated, a clusterization matrix has been constructed on the basis of which the regional districts have been grouped according to the level of development and efficiency of the dairy industry.

*Key words: Agro-food market, milk production, clusterization, factors affecting milk production*

## **DEVELOPMENT OF INNOVATIVE POTENTIAL AS A FACTOR IN INCREASING THE EFFECTIVENESS OF THE SOCIO-ECONOMIC SYSTEM**

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The article examines the interdependence of the development of intellectual human potential and increasing the effectiveness of the socio-economic system. The main external factors influencing the activity of socio-economic systems are singled out, the indicators describing the influence of these factors on the

development of the socio-economic system are determined.

*Key words: Innovation potential, socio-economic system, development factors.*

## **SCIENTIFIC RECOMMENDATIONS FOR ASSESSING THE COMPETITIVENESS OF THE TERRITORY'S ECONOMY AS THE BASIS FOR THE FORMATION OF HUB AIRPORTS**

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In the article presents the results of the analysis of scientific and technical literature devoted to the problem of identification of hub airports. Scientific and methodological recommendations for assessing the competitiveness of the territory's economy as the basis for the formation of hub airports are proposed. Practical approbation of the task of assessing the competitiveness of the territory's economy as a basis for hub airports has been carried out.

*Key word: competitiveness of the economy of the territory, hub airports, air transport.*

## **ASSESSMENT OF TECHNICAL AND INVESTMENT RISKS IN THE RECONSTRUCTION OF HYDRAULIC LOCKS OF LOCKS OF NAVIGABLE HYDRAULIC STRUCTURES**

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In the article presented, the authors proposed an approach to assessing technical and investment risks in the reconstruction of hydraulic locks of locks of navigable hydraulic structures. In accordance with the algorithm given, the evaluation of investment risks should be based on reporting or forecast data on the behavior of the technical system.

*Key words: navigable hydraulic structures, reconstruction of hydraulic drives of NHS locks, technical risks, investment risks, risk assessment*

## FORMATION OF THE SYSTEM INDICATORS OF INDUSTRIAL ENTERPRISES IN THE PROCESS IDENTIFICATION OF CRISIS PHENOMENA

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The review of methods of an estimation of degree of stability of the enterprise is presented. A set of coefficients characterizing the financial state of the organization for the purpose of constructing a rating model for diagnosing the degree of stability of economic entities is developed, which generalizes the quantitative and qualitative methods of forecasting.

*Key words: diagnostics of enterprises, financial indicators, rating models.*

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## **ECONOMICO-MATHEMATICAL MODEL OF MODEL OF OPTIMIZATION OF PROFITS OF INDUSTRIAL ENTERPRISES ON THE BASIS OF THE OPERATING BUDGET**

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The economic and mathematical model of profit calculation based on the budgeting method, supply and demand values for products is developed, which allows to determine the optimal price level and volume of purchases. Budgeting is understood in a narrow sense as the planning of operational budgets taking into account the seasonality of demand for products.

*Key words: budgeting, economico-mathematical model, prime cost, budgeting, operating budget, seasonal variation of demand.*

## **THE CONCEPT OF MARKETING IMPROVING BANKING TECHNOLOGY**

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The role of the concept of improving banking services is growing. This is due to high competition both in the market in general and in the banking sector. Innovation has become a key business function that provides the main advantage of a credit institution in the market.

*Key words: concept of marketing, banking services, promotion of services, Internet banking, mobile applications, remote maintenance, innovative technologies.*

## **NEW FORMS OF PERSONNEL TRAINING IN ORGANIZATIONS**

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The article analyzes new methods of personnel training in companies. The transformation of traditional methods of education and development, their transformation with the development of modern technologies is considered. Special attention is paid to the innovative methods currently used by large Western corporations.

*Key words: personnel of the organization, training methods, corporate programs, distance learning, self-study, development of management personnel*

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## THE PRINCIPLE OF TARGETING AND CRITERIA OF NEED AS A BASIS FOR PROVIDING MATERIAL SUPPORT TO STUDENTS

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The article analyzes in detail the observance of the principle of targeting and criteria of need in the provision of material support in educational institutions, formulated problems and solutions. The author offers solutions in the form of involving students' councils in the distribution of financial assistance for the purpose of greater transparency in the distribution and assignment of this social support.

*Key words: financial support, scholarship support system, higher education, scholarship Commission*