ABSTRACT OF THE MASTER’S DISSERTATION

Subject matter of the dissertation: “The state and development of intellectual entrepreneurship in the conditions the “economy of novelty of knowledge”.

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Topicality of the research. In recent years the post-industrial phase of economic development increasingly defined as “economy of novelty of knowledge”, because of its main resource – knowledge, which determine the competitiveness of economic agents. There is the special place occupies the process of producing scientific knowledge and the emergence of a new category of entrepreneurs who create and implement new knowledge (ideas) on intellectual property market. Thus, it is clear that the economy of novelty of knowledge radically changes the traditional approaches, principles and models of entrepreneurship development and competitiveness of market entities. It should be noted that the intellectualization of entrepreneurship contributes to the creation of conditions for increasing role of education, acting as the basis for the formation and development of intellectual resources and the creation of new knowledge and its transfer into the economy. The education system inevitably becomes closer to the enterprise, integrates with it, which promotes more effective knowledge sharing, adoption of improved scientific methods of production, the educational growth and spiritual entrepreneurship.

Objective: to develop the theoretical aspects and practical tools for the development of intellectual entrepreneurship in Russia.

Tasks:
1) to generalize and systematize scientific approaches to the intellectual entrepreneurship, to determine its role in the formation and development of the “economy of novelty of knowledge”
2) to reveal the essence of intellectual entrepreneurship as economic activities for the creation and commercialization the results of intellectual activity;
3) to identify the main types of intellectual entrepreneurship;
4) to study the characteristics of the modern state and prospects of development of intellectual entrepreneurship abroad;
5) evaluation of the current state of intellectual entrepreneurship in the Russian Federation;
6) to identify the problems of the progressive development of intellectual entrepreneurship in Russia;
7) to consider higher education as a key subject of training intellectual entrepreneurs;
8) to identify the main directions of informational and methodical support of activity of subjects of intellectual entrepreneurship;
9) to identify promising forms of integration the subjects of intellectual entrepreneurship.

**Hypothesis:** The formation in Russia of a new type of economy – the economy of novelty of knowledge is associated with the formation of a special type of entrepreneurship associated with the self-undertaken at your own risk activities aimed at the creation and subsequent commercialization of intellectual products (the results of intellectual activity) or that the same intellectual enterprise. The degree of its development determines the level of competitiveness of the national economy and involves the development and implementation of bodies of state power of the complex organizational and management measures for its sustainable development.

**Novelty of the research.** The most significant results of the research, possessing the scientific novelty and the result of this study:
– justified as the imperative of establishing the economy of novelty of knowledge of global intellectualization of entrepreneurship;
– formulated the author's definition of intellectual entrepreneurship and criteria are proposed structuring;
– proved the key role of higher education in the preparation of intellectual entrepreneurs, developed a universal training course on “Applied model innovation design entrepreneurship in professional field” and the Code of practice in the field of intellectual property Pyatigorsk state University as an instrument of the mission of modern higher school;
– determined the basic elements of informational and methodical support of activity of subjects of intellectual entrepreneurship and the intellectual Guide of the entrepreneur as one of its elements;
– proposed a promising form of integration of subjects of intellectual entrepreneurship in Russia.

**The main principles to be depended:**
1. Intellectual entrepreneurship is a concrete historical type of entrepreneurship, which is an independent, carried out at your own risk activities aimed at the creation of intellectual products (intellectual activities), their legal registration as object of intellectual property and subsequent commercialization. Its formation is due to the development of the economy of the novelty of the knowledge, which is consistent with the intellectualization of the whole enterprise, manifested in the strengthening of the role of intellectual resources in the formation of competitiveness of business structure, change of the product of labor and the rising level of education, spirituality and social orientation of business activities.
2. Intellectual entrepreneurship is a complex, multidimensional phenomenon, which is why it can be classified by such characteristics as: the species of the results of intellectual activities, industry application intellectual effort of an entrepreneur, and subject of the use in economic activity generated
intellectual property/intellectual products according to which intellectual entrepreneurship can be divided into intellectual entrepreneurship and the intellectual entrepreneurship undergraduate.

3. Among the countries-leaders in terms of development of intellectual entrepreneurship, on the basis of indicators characterizing innovativeness of individual national economies are such foreign countries as South Korea, USA, Japan, EU, Canada, Australia, China, Brazil, India, South Africa. In the context of the degree of development of high-tech and knowledge-intensive industries, with the largest numbers produced and used intellectual products, advanced countries are the USA, the European Union and China. Russia, occupying the 9th place in the world rating of innovative activity, has a high level of knowledge and significant creative potential of subjects of economy, but it has serious problems with their commercialization and implementation in a globally competitive goods and services because of the lack of solid state innovation policy and sustainable interaction between system of science, education and enterprise system, and poor infrastructure of the knowledge economy and its institutional environment including an effective system of protection of intellectual property rights.

4. The key subject of training intellectual entrepreneurs in emerging economy novelty of knowledge becomes the system of higher education, because universities prepare and reproduce the intellectual resources that prepare new intellectual and creative elite, which further produces and reproduces knowledge. As a means of intellectual training of entrepreneurs in higher education can become universal for all training directions and specialties of training course on “Applied model innovation design entrepreneurship in professional sphere”. As a subsidiary instrument may be prepared on the basis of the civil legislation of the Russian Federation, the Code of practice in the field of intellectual property Pyatigorsk state University.

5. The development of intellectual business in Russia involves the creation and development of information and methodological support, including the activities of both information and consulting support. As a promising tool of information support of the intellectual enterprise is the business portal for intelligent entrepreneurs within the content which can contain developed in the study Guide intellectual entrepreneur. It elaborated the content of innovative activity, intellectual property, presented the perfect model of management of intellectual property rights, shows the methods of protection of knowledge in the field of knowledge-intensive services.

6. Sustainable and dynamic interaction between all subjects of intellectual entrepreneurship in Russia can be carried out in accordance with such internationally models as: model of open innovation, a model of a “living lab”, Triple Helix, Quadruple Helix and Quintuple Helix. As additional tool of providing interaction of subjects of intellectual entrepreneurship can act as an accelerator, represents a group of experienced businessmen who are engaged in leadership, mentoring, networking, project management, provide office services,
share knowledge and experiences with members of the emerging companies, helping them to overcome the difficulties of the early stages of the life cycle.

**Theoretical significance** consists in development of scientific knowledge in the field of the theory of intellectual entrepreneurship and the role of intangible resources in the conditions of formation and development of the economy of novelty of knowledge that contributes to the development and use of intellectual capital of business organizations and individual actors.

**Practical significance** is to develop specific tools that will enable local authorities and commercial structures for progressive development of intellectual entrepreneurship as the backbone of the economy of the XXI century. Some results of the research can be used in the educational process of universities in preparing bachelors and masters. In particular, the main conclusions and recommendations contained in the work, can be used in teaching the disciplines “Economic theory”, “Fundamentals of entrepreneurship”, “Fundamentals of management”, “Innovative entrepreneurship” and a number of special courses. In addition, the developed tools for development of intelligent and innovative entrepreneurship can also be adapted to the social sphere and thereby ensure its sustained progressive development.

**Results of the research.** Analysis of the condition and peculiarities of intellectual development showed that, in general, in the world there is a tendency of growth of number and share of high-skilled workers and the share of employed in the field of science, knowledge intensive and high tech services. The study of the state of intellectual resources in Russia showed that, despite the fairly high level of development of intellectual resources in the country, their level of development still does not meet the world situation, which means that the country isn't ready for a qualitative leap towards the economy of the novelty of the knowledge. The possibility of developing intellectual resources in the country is seen primarily in redefining the role of the education system in the process of intellectual organization of all subjects of economic system (state, enterprise, public sector, etc.). The education system should be a key part of the system of intellectual support of economic actors, and in particular in the field of training intellectual entrepreneurs.

**Recommendations.**

1. As a means of intellectual training of entrepreneurs in higher education can become universal for all training directions and specialties of training course on “Applied model innovation design entrepreneurship in professional sphere”. As a subsidiary instrument may be prepared on the basis of the civil legislation of the Russian Federation, the Code of practice in the field of intellectual property of the Pyatigorsk State University.

2. The development of intellectual business in Russia involves the creation and development of information and methodological support, including the activities of both information and consulting support. As a promising tool of information support of the intellectual enterprise is the business portal for intelligent entrepreneurs within the content which can contain developed in the study Guide intellectual entrepreneur. It elaborated the content of innovative
activity, intellectual property, presented the perfect model of management of intellectual property rights, shows the methods of protection of knowledge in the field of knowledge-intensive services.

3. Sustainable and dynamic interaction between all subjects of intellectual entrepreneurship in Russia can be carried out in accordance with such internationally models as: model of open innovation, a model of a “living lab”, “Triple Helix”, “Quadruple Helix” and “Quintuple Helix”. As additional tool of providing interaction of subjects of intellectual entrepreneurship can act an accelerator, that represents a group of experienced businessmen who are engaged in leadership, mentoring, networking, project management, provide office services, share knowledge and experiences with members of the emerging companies, helping them to overcome the difficulties of the early stages of the life cycle.