TECHNOLOGICAL TRANSFER AND INTELLECTUAL PROPERTY ACCUMULATION – AN EXAMPLE

ISOC Dorin

INCDO-INOE2000, Research Institute for Analytic Instrumentation, Subsidiary Cluj-Napoca

Dorin.lsoc@yahoo.com

Keywords: innovation, knowledge management, technologic transfer, intellectual property.

Technology transfer is a goal of the R&D institutions whereas it integrates all the valuable outcomes of research and enables higher capitalization of this activity. However, technology itself is a marketable object that builds over time, requiring a proper identification and a marketing according the expected price and the assumed producer liability.

The paper proposes a systematic way of analysis and description of how the results of R & D activity evolve. For that, the defined objects of intellectual property and some operators are introduced to describe the evolution and its premises. It then gives an application describing the work of a team in R&D institution till the time moment to identify an object of technology transfer. Give a series of interpretations of its treatment of its capitalization manner of intellectual property.

Among the interpretations resulted of the performed analysis, a main one refers to the permanent monitoring of the evolution of how intellectual creations develops and convert it into intellectual property which is task of the R & D institution. Capitalization stage should provide a more extensive integration of the results and current business organization must anticipate future transferable products.

This analysis allows to research management a permanent preparing of the products to be sold with high added value of research.

Selected references

3. Kuckartz, M., Innovation market – the economic exploitation of property rights in high-quality inventions, In: World Patent Information, 23 (2001), pp.67-70.

4. Kuhlmann, S., Future governance of innovation policy in Europe — three scenarios, In: Research Policy 30 (2001) pp.953–976.

5. Carlsson, B., Jacobsson, S., Holmén, M., Rickne, A., Innovation systems: analytical and methodological issues, In: Research Policy 31 (2002), pp.233–245.

7. Feller, I., Ailes, C.P., Roessner, J.D., Impacts of research universities on technological innovation in industry: evidence from engineering research centers, In: Research Policy 31 (2002), pp.457–474.

9. Debackere, K., Veugelers, R., The role of academic technology transfer organizations in improving industry science links, In: Research Policy 34 (2005), pp.321–342.

10. Markman, G.D., Gianiodis, P.T., Phan, P.H., Balkin, D.B., Innovation speed: Transferring university technology to market, In: Research Policy 34 (2005), pp.1058–1075.

12. Geuna, A., Nesta, L.J.J., University patenting and its effects on academic research: The emerging European evidence, In: Research Policy 35 (2006) pp.790–807.

15. Sampat, B.N., Patenting and US academic research in the 20th century: The world before and after Bayh-Dole, In: Research Policy 35 (2006), pp.772–789.