

Technology Transfer: Real Life Stories From A Roll-To-Roll Embossing/Nano-Replication Company

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Presentation

Abstract: Technology transfer is the process of transferring scientific and technical knowledge from one organization to another for the purpose of further development and economic advantage. We — scientists and business people — engage in the transfer of technology to facilitate the commercialization of our ideas.

My company is the direct result of a change that has taken place in technology transfer over the last fifteen years. The traditional model of the large, vertically integrated company (in my case, Polaroid Corporation) has changed to an approach of industrial development that depends on technology transfer between large corporations, small companies, and universities, as well as individual inventors.

Successful commercialization requires the balance of:

- Identifying new technologies and processes
- Protecting your intellectual property through patents and other legal means
- Forming development and commercialization strategies such as marketing and licensing to existing companies, or creating new startup companies or joint ventures based on the technology

This talk will look at the technology transfer experiences of several small nanotechnology companies. The client names have been changed to protect both the guilty and innocent but the SEMs are real.