THE INSTITUTIONALIZATION

OF EMERGING TECHNOLOGY COMPANIES' FINANCING IN JAPAN

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Abstract

This thesis explores what will be the best funding source for emerging technology companies ("ETCs") with solely or mainly intangible assets (i.e., patent, copyright or other intellectual property rights) in Japan, given that the future of Japanese economy will benefit from the institutionalization of the ETC's financing mechanisms.

The institutionalization of the U.S. venture capital financing was achieved by market-oriented financing mechanisms. In this process the U.S. IPO market has provided entrepreneurs and financiers with strong incentives, and the decentralized information networks facilitated the adequate matching between entrepreneurs and financiers to pursue technology innovation. The bank financing and the keiretsu corporate grouping have played a crucial role in the development of major industries in Japan, and both the market-oriented incentives and decentralized information networks have not been developed in Japan.

To make equity financing more efficient to ETCs, the Japanese government should open IPO market to ETCs. More generous listing criteria in the IPO market, however, expose public investors to stock price fluctuations. The U.S. IPO market is based on risk-tolerable investment policies and on a judicial system protecting effectively public investors. Taking into account the difficulty in ensuring an adequate balance between ETCs' IPO incentives and investors' protection, one cannot expect a rapid reform in the IPO market. In parallel with the market reform, the Japanese public sector should find alternative funding mechanisms for ETCs in a relatively short term. For example, debt financing may be more suitable for ETCs under the current low level of stock liquidity. As opposed to the Japanese collateral-oriented loan system, the U.S. venture lenders provide possible debt financing models. Since the Japanese large technology companies have accumulated their technology expertise and have strong incentives to access new technology, alliances with the corporate venture capital can also be an alternative funding source for ETCs in Japan. By synergy with the development of entrepreneurship in ETCs, these alternative funding mechanisms may contribute to the institutionalization of ETC financing in Japan.
TABLE OF CONTENTS

I Introduction to the Financing of Emerging Technology Companies ("ETCs")
   A Scope of the Thesis.................................................................5
   B Analytical Frame.......................................................................6

II Background of ETC Financing in Japan and the U.S............................7
   A The Venture Capital Industry and the Main Bank System in Japan.....7
   B Characteristics of Japanese ETCs.............................................14
      1 Independent Small/Medium-Sized ETCs..................................15
      2 ETCs created by Large Companies.......................................17
   C The Institutionalization of ETC Financing in the U.S....................19
   D The U.S. Venture Capitalists: a Hybrid of Funds and Technology....24
   E Entrepreneurship in the U.S....................................................26

III Infrastructure of ETC Financing in the U.S. and Japan......................28
   A Institutionalized Equity Financing in the U.S............................29
      1 Strong IPO Market............................................................29
      2 Venture Capitalists as Financing Catalyst:
         Marketing & Technology Expertise....................................31
      3 The High Velocity of Information Flow................................34
      4 Marketing Expertise Focusing on Local Technology Sector.......36
      5 Intensive Competition Surrounding Venture Capitalists...........39
   B Impediments to ETC Equity Financing in Japan............................41
      1 IPO Market Less Open to ETCs...........................................41
      2 The Risk-Averse Attitude of Japanese Financial Institutions......43
      3 Barriers to Information Flow..............................................46
      4 Technology Borrowing from the Global Market.......................48
      5 Less Competitive Venture Capital Market.............................49
   C Proposal for Alternative Financing..........................................51
      1 Evolution of the US-OTC Market: Cornerstone of Equity Financing.52
      2 Limited Applicability of Market Oriented Financing
         for Japan's Infrastructure..................................................60
      3 Alternative Financing Mechanisms:
         Debt Financing/Corporate Venture Capital..........................67
IV Venture Lending: the U.S. Experience and Prospects for Japan ........................................ 74
   A Venture Lenders in Silicon Valley ................................................................. 74
      1 Venture Leasing Companies ................................................................. 75
      2 High-Tech Banks ........................................................................... 77
      3 Contributions by Venture Lenders to ETCs ............................................. 80
   B Lending Policies of the Venture Lenders ..................................................... 83
      1 Growth Stage Model of ETCs: Joint Financing with Venture Capitalists .... 83
      2 Warrants as Incentive ........................................................................ 86
      3 ETCs’ Accounts Receivable as a Trigger for Future Lending ................. 87
      4 Expertise to Ensure ETCs’ Repayment .................................................. 89
      5 Competition vs Alliance between Other Financiers .............................. 91
   C Applicability to Japanese Financial Institutions ......................................... 92
      1 Technology-Backed Loans .................................................................. 93
      2 Lack of Control by Covenants: Different Approach to Cash Flow ........... 95
      3 Lack of Strong Incentives ................................................................... 96
      4 Financiers’ Insufficient Expertise to Evaluate Technology and Growth Stages . 98
      5 Cash Flow Liquidity Required ................................................................ 99
V Corporate Sources of Venture Capital in the U.S. and Japan .............................. 100
   A Origin of Corporate Venture ................................................................... 101
      1 Different Approaches to ETCs: Technology Oriented vs Money Oriented 101
      2 Internal Corporate Ventures in the U.S. and Japan ............................... 103
   B Characteristics of Corporate Venture Capital ............................................. 104
      1 Advantage: Ability to Evaluate Technology and the Market ................. 104
      2 Limitation: Unstable Funds Sources ..................................................... 105
      3 Potential: Complementary Relationship with Spinoff ............................ 106
   C The Future of Corporate Venture Financing in Japan ................................ 107
      1 The Cornerstone of Growth: Rapid Access to Resources Beyond Keiretsu 107
      2 Incentive Mechanism for Entrepreneurs .............................................. 108
      3 Contractual Relationship among the ETCs’ Stakeholders ...................... 111
      4 Use of Pure Holding Companies to Invest in ETCs .............................. 119
VI Conclusion .......................................................................................................................... 125
   A Reform of the Japanese IPO Market ........................................................................... 125
   B Use of Debt Financing ............................................................................................. 127
   C Potential of Corporate Venture Capital ..................................................................... 128
   D Alliances between Financiers: Source of Seed/Start-Up Capital ......................... 130

Bibliography ......................................................................................................................... 132