

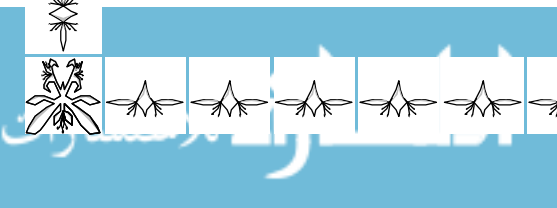
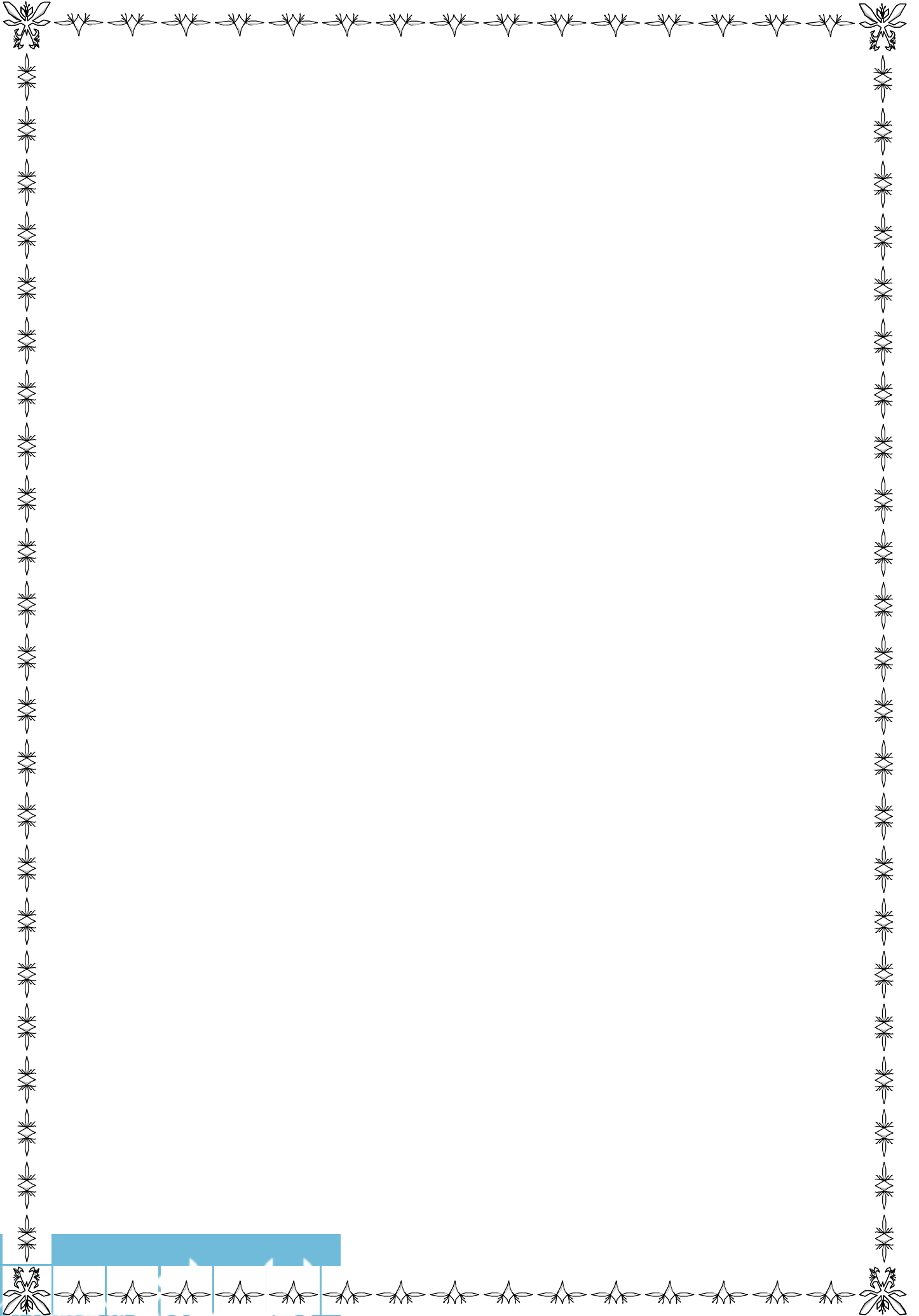
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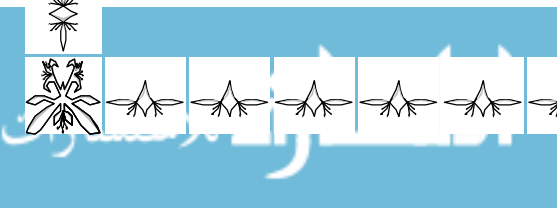
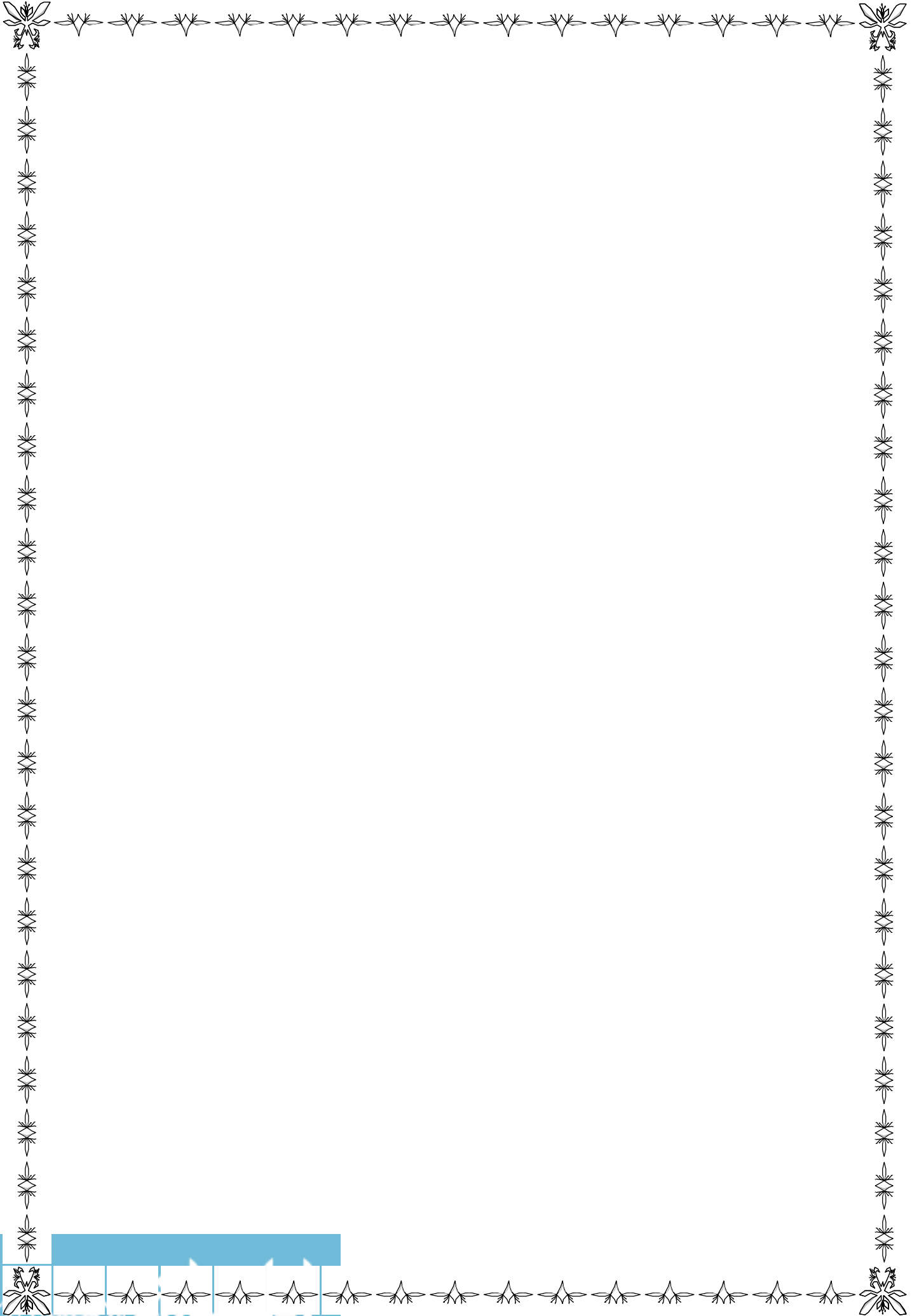
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Chen Chunlai, **Provincial Characteristics and Foreign Direct Investment Location Decision Within China**, Chinese Economies Research Centre Working Papers, Paper N°97/16 (Adelaide, Australia: School of Economics, the University of Adelaide, December 1997), p.9., http://www.rrojasdatabank.org/97_16.pdf, Last Visited: May 15, 2007.

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Harmonised Commodity

Standard International Trade Classification (SITC) Description and Coding System (HS)

SITC Revision 3

1962

¹. **Doing Business in China**, (Kowloon, Hong Kong: Ernst & Young, 2003), p.70.

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| SITC 3 | Description الوصف |
|--------|---|
| 0 | Food and live animals |
| 1 | Beverages and tobacco |
| 2 | Crude materials, inedible, except fuels |
| 3 | Mineral fuels, lubricants and related materials |
| 4 | Animal and vegetable oils, fats and waxes |
| 5 | Chemicals and related products, n.e.s. |
| 6 | Manufactured goods classified chiefly by material |
| 7 | Machinery and transport equipment |
| 8 | Miscellaneous manufactured articles |
| 9 | Commodities and transactions not classified elsewhere in the SITC |

www.intracen.org/tradstat/SITC-Rev3.pdf, Last Visited: May 30, 2007.

| Level | Number of Digits | Number of codes | Example | |
|-------------|------------------|-----------------|---------|---|
| | | | SITC | Description |
| Section | One digit | 10 | 7 | Machinery and transport equipment |
| Division | Two digits | 67 | 72 | Machinery specialized for particular industries |
| Group | Three digits | 261 | 721 | Agricultural machinery (excluding tractors), and parts thereof |
| Sub-Group | Four digits | 1033 | 721.1 | Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports ground rollers; parts thereof |
| Sub-Heading | Five digits | 3118 | 721.11 | Ploughs |

Statistics on the Trading of Goods-User Guide, (Belgium: Office for Official Publications of the European Communities, 2002), p.18.; And: www.intracen.org/tradstat/SITC-Rev3.pdf, Last Visited: May 30, 2007.

¹.1982 Laster Davis

¹. Laster Davis, "Technology Intensity of US Output and Trade", US Department of Commerce, International Trade Administration (1982).

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Davis

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SITC

²Thomas Hatzichronoglou

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SITC

Hamburg Institute of International Economics

SITC

High Technology

Medium Technology Products

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Products

www.comtrade.un.org/db/

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1962

BEC, HS2002, HS1996, SITC Revision3 :

NACE

.International Standard Industrial Classification, ISIC

| ISIC Code Revision 3 | Description |
|-------------------------------------|---|
| High-Technology Industries | |
| 2423 | Pharmaceuticals |
| 30 | Office, computing and accounting machinery |
| 32 | Radio, TV and communications equipment and apparatus |
| 353 | Aircraft |
| 33 | Instruments/optics/watches |
| Medium-Technology Industries | |
| 24(less 2423) plus 25 | Chemicals |
| 29 | Mechanical machinery |
| 31 | Electrical machinery |
| 34 | Motor vehicles |
| 352 | Railroad equipment |
| Other Industries | ISIC less (Medium technology plus high technology industries) |

Source: www.hwwa.de/wmatrix/technical_description.html, Last Visited: May 31, 2007.

¹. Sunil Mani, "Exports of High Technology Products from Developing Countries: Is it Real a Statistical Artifact", **Discussion Paper Series**, N°2000-1 (Maastricht, Netherlands: The United Nations University, Institute of New Technologies, May 2000), p.p.16-17.

². Thomas Hatzichronoglou, **Revision of the High Technology Sector and Products Classification**, (Paris: OECD/GD, 1997).

³. Mani, Op. Cit., p.17.

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:(*Intellectual Property Rights*)

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¹. «Property rights refer to the bundle of legal rights over the use to which a source is put and over the use made of any income that may be derived from that resource.», see: Charles W. L. Hill, **International Business Competing in the Global Marketplace**, 2nd Ed. (Chicago: Irwin, 1997), P.40.

². Ibid., p.40.

³. **Qu'est-ce Que La Propriété Intellectuelle?**, Publications de l'Organisation Mondiale de la Propriété Intellectuelle, Publication N° 450 (F) (Genève:OMPI), p.2.

⁴. Hill, Op. Cit., P.41.

Intellectual Property Rights

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1. OMPI, Publication N° 450 (F), Op. Cit., P.3.

2. "Every one has the right to the protection of the moral and material interests resulting from any scientific, literary or artistic production of which is the author", see: **Human Rights the International Bill of Human Rights** (New York: United Nations, February 1988), P.9.

3. WIPO: World Intellectual Property Organization.

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" Robert S.Tancer -

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Hill, Op. Cit., P.41. 405. (2001 :)

6. OMPI, Publication N°450 (F), Op. Cit., P.5.

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²ISO9000-9000" **:(Industrial Model or Design)****.3**

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¹. OMPI, Publication N°450 (F), Op. Cit., P.9.

². Ibid.

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⁴. OMPI, Publication N°450 (F), Op. Cit., P.13.

⁵. Ibid., P.12.

⁶. Ibid., P.14.

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:(*Topography of Integrated Circuits*)

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2. OMPI, Publication N°450 (F), Op. Cit., P.15.

"Suisse"

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OMPI, Publication N°450 (F), Op. Cit., P.15. :

*Bordeaux**"Bordeaux"*

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.404.

OMPI, Publication N°450 (F), Op. Cit., P.15.

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" *(Trade Secrets)* .6

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La Propriété Intellectuelle et Les Expressions Culturelles Traditionnelles ou Expressions du Folklore, Publications de l'Organisation Mondiale de la Propriété Intellectuelle, Publication N°913(F) (Genève:OMPI), P.3.

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OMPI, Publication N°913 (F), Op. Cit., p.6.

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². OMPI, Publication N° 913 (F), Op. Cit., P.2.

³. *University of Queensland, Austria.*

⁴. A Summary Report of the Conference on How IPRS Could Work Better for Developing Countries and Poor People, 21-22 February 2002, **Sustainable Developments**, Vol. 70, N°1 (Geneva: International Institute for Sustainable Development, Thursday, 28 February 2002), p.1., www.iisd.ca/download/pdf/sd/sdvol70num1.pdf, Last Visited : May 28, 2007.

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¹. *Caractères Mobiles et Presse à Imprimer.*

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kamil Idris, **La Propriété Intellectuelle Moteur de la Croissance Economique, Résumé**, Publications de l'Organisation Mondiale de la Propriété Intellectuelle, Publication N° 888.1(F) (Genève:OMPI, Juin 2003), p.3.

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.2004/10/31 www.sudanlaw.org/index.php?tp=6&id=24

.2007/5/31 http://douis.free.fr/livres-gratuits/PI-islame.doc

². *English Statute of Monopolies.*

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⁴. UNCTAD-ICTSD, **Intellectual Property Rights: Implications for Development**, Policy Discussion Paper, Product of the Joint UNCTAD-ICTSD Project on Intellectual Property Rights and Sustainable Development (Crans-Gevrier, France: Gerafer, August 2003), p.33.

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⁵. **Integrating Intellectual Property Rights and Development Policy**, Report of the Commission on Intellectual Property Rights, September 2002, 3rd Ed. (London: February 2003), p.18.

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¹. UNCTAD-ICTSD (August 2003), Op. Cit., p.44.

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³. UNCTAD-ICTSD (August 2003), Op. Cit., p.33.

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⁶. UNCTAD-ICTSD (August 2003), Op. Cit., p.44.

.Company of Stationers ⁷.

⁸. UNCTAD-ICTSD (August 2003), Op. Cit., p.34.

⁹. Ibid.; Commission on Intellectual Property Rights (February 2003), Op. Cit., P.18.

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³. UNCTAD-ICTSD (August 2003), Op. Cit., p.35.

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⁶. **Parties Contractantes ou Signataires des Traités Administrés Par l'OMPI, Membres des Assemblés, des Autres Organes et des Comités De l'OMPI, Membres de L'Union Internationale Pour la Protection des Obtentions Végétales (UPOV)**, Documents de L'Organisation Mondiale de la Propriété Intellectuelle, Document N° 423 (F) (Genève: OMPI, 15 Octobre 2005), p.p.5-7.

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*International Union for the**Protection of New Varieties of Plants- UPOV*

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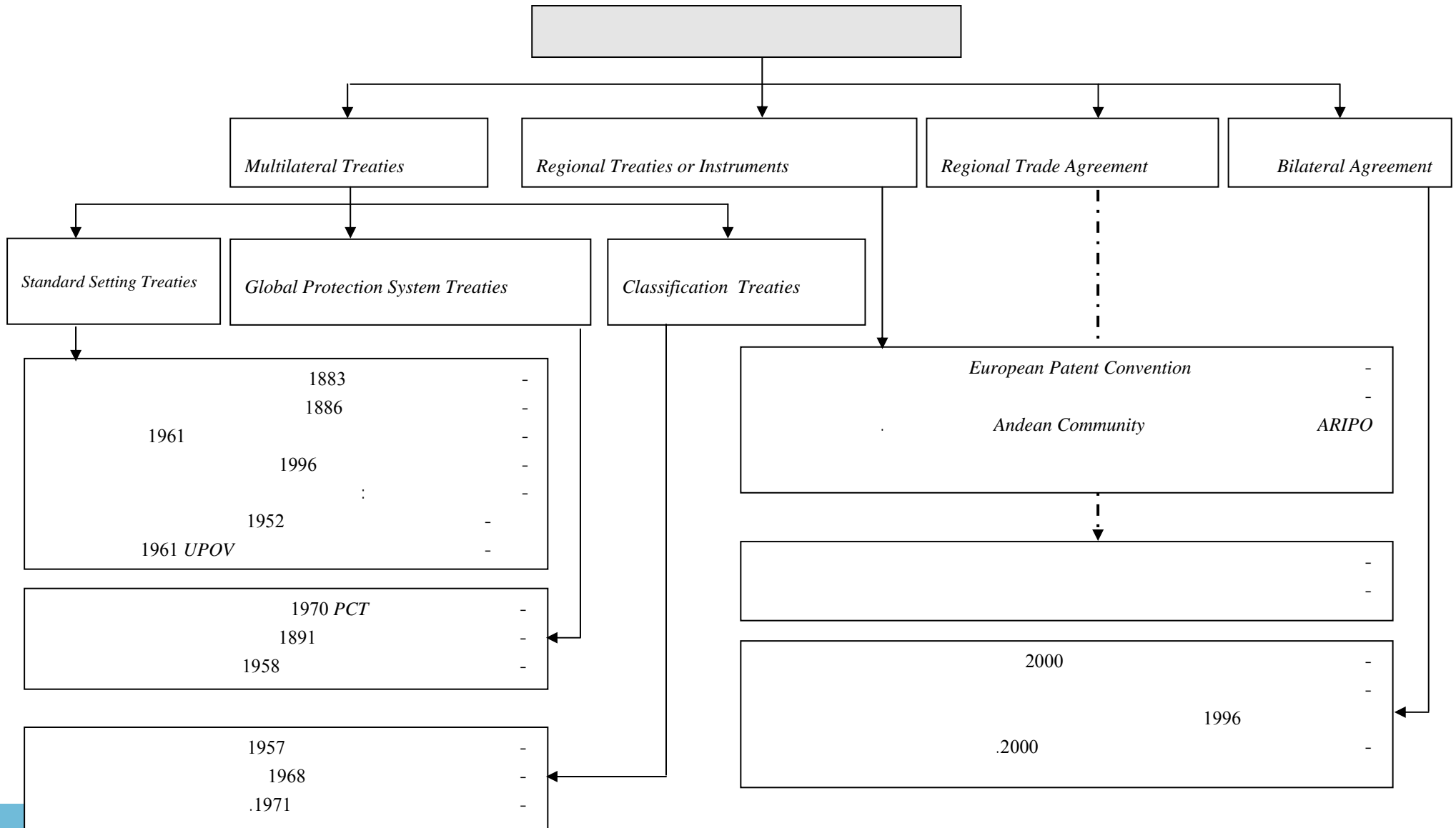
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| Annex 1C, Op. Cit., p.p. 346- 347. | .93 -92. . | .85. | .103. | . ¹ |
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| Annex 1C, Op. Cit., p.p.349-351. | .105 -104. . | | .87 -86. . | . ³ |
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². Ibid., p.351.

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| OMPI, Publication N° 450 (F), Op. Cit., p.6. : | <i>INTEL Microprocessor</i> | . |
| | Hill, Op. Cit., P.42. 9. 7. | 2 |
| | OMPI, Publication N° 450 (F), Op. Cit., p.6. .9. | 3 |
| | OMPI, Publication N° 450 (F), Op. Cit., p.3. .9. 7. | 4 |

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¹ . **Investing The Future an Introduction to the Patents for Small and Medium-Sized Enterprises,** Publications of The World Intellectual Property Organization, Publication N° 917 (E) (Geneva: WIPO), p.39.

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¹. WIPO, Publication N° 917 (E), Op. Cit., p.3.

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¹. WIPO, Publication N° 917 (E), Op. Cit., p.16.

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Antibody Technology, Micromet AG and Enzon Pharmaceutical

"Lancement d'un Nouveau Produit : Evaluation de Votre Liberté d'Agir", **Revue de l'OMPI** (Genève : OMPI, Septembre- Octobre 2005), p.14.

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¹. **Les Services d'Information en Matière de Brevets de l'OMPI Pour Les Pays en Développement**, Publications de l'Organisation Mondiale de la Propriété Intellectuelle, Publication N° 493 (F) (Genève:OMPI), P.8.

². Ibid., p.p.15-16.

³. **Looking Good an Introduction to Industrial Designs for Small and Medium- Sized Enterprises**, Publications of The World Intellectual Property Organization, Publication N° 498 (E), 2nd Ed. (Geneva: WIPO), p.16.

OMK Rodney Kinsman TRAX ⁴
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Idris, Op. Cit., P.P.14-15.

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⁶. Idris, Op. Cit., P.7.

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². Esteban Burrone; Guriqbal Singh Jaiya, "Intellectual Property (IP) Rights and Innovation in Small and Medium-Sized Enterprises", P.6. and p.10.,
www.madrid.org/madridIRC/documentos/doc/intellectualproperty.pdf, Last Visited: February 26, 2006.

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.³⁴. Idris, Op. Cit., P.20.

(Robert Brozin & Fernando Duarte)

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¹. Idris, Op. Cit., P.19.

Idris, Op. Cit., P.14. .14.

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⁴. "Pour Rester au Sommet, NESTLE Affine Ses Services de Propriété Intellectuelle", **Revue de l'OMPI** (Genève : OMPI, Novembre- Décembre 2005), p.19.

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⁷. WIPO, Publication N° 917 (E), Op. Cit., p.35.

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The Income Approach :*Amount of Income**Cost Approach**Market Approach**.Risk of Income**Duration of Income*

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². "Valuation of Intellectual Property: What, Why and How", **WIPO Magazine** (Geneva: WIPO, September- October 2003), p.5.

.21. .³

⁴. WIPO Magazine (September- October 2003), Op. Cit., p.p.7- 8.; Gordon Smith, "Assessment and Valuation of Inventions and Research Results for Their Use and Commercialization", International Work Shop on Management and Commercialization of Inventions and Technology (Monterrey, Mexico: April 17 to 19th, 2002), Document N° wipo/inv/mty/02/4, p.p.2-5, www.wipo.int/innovation/en/meetings/2002/inv_mty/pdf/mty02_4.pdf, Last Visited: February 7, 2006.

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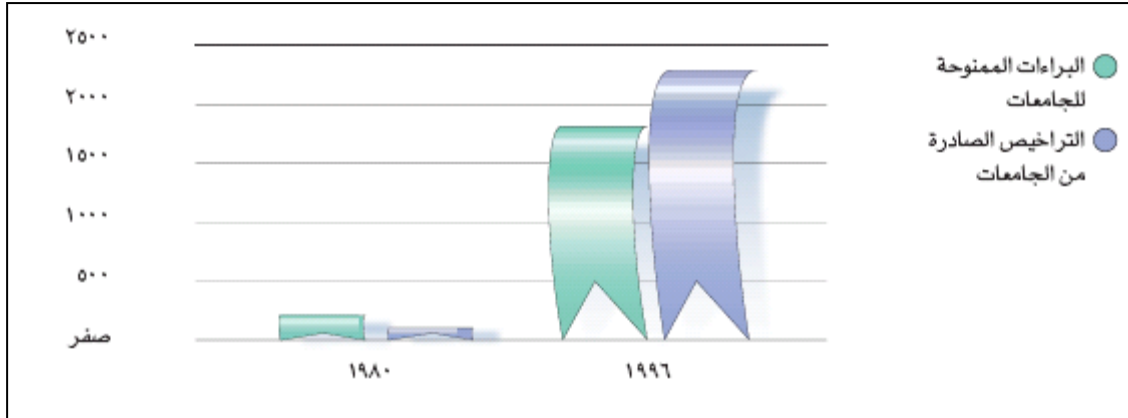
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"Il est donc difficile de déterminer avec précision le rôle de la loi Bayh-Dole dans l'expansion des brevets et, ce qui est plus important, de savoir si son adoption a réellement fait une différence en termes de croissance du transfert de technologie et de l'application de la technologie." Voir: Commission sur la Propriété Intellectuelle, **Intégrer les Droits de Propriété Intellectuelle et la Politique de Développement** (Londres: Commission Britannique des Droits de la Propriété Intellectuelle, 2003), p.124.

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¹.Stephen P. Ladas .*S. Pretnar* .².V. Vaitos

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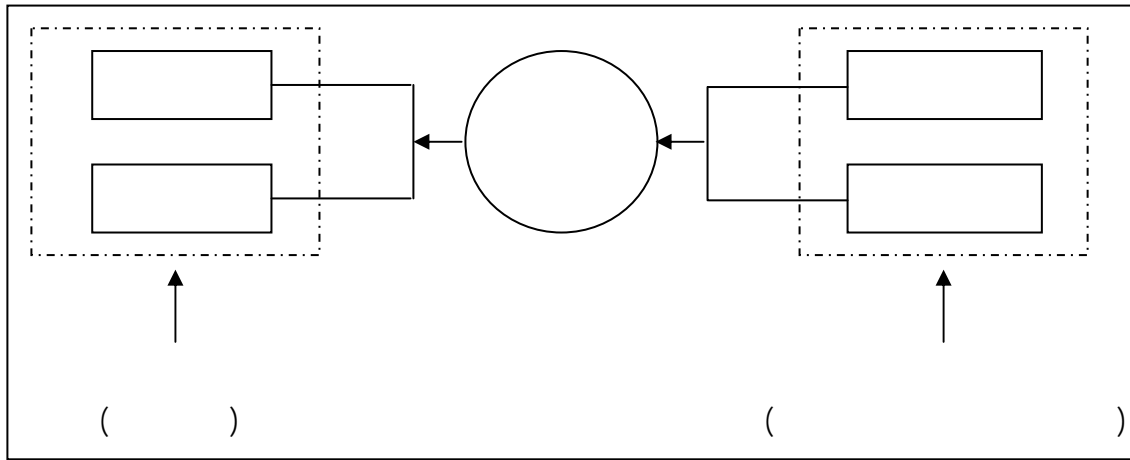
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:Exporting Contracts () .1

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:Intracorporate Transfer - .

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¹. Hill, Op. Cit., p.405.

². Rickey W. Griffin & Michael W. Pustay, **International Business a Managerial Perspective** (New York: Addison-Wesley Publishing Company, 1996), p.384.

³. Ibid., p.384.

.39-38. . (2001 :) .4

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:Turn-Key Contracts - 2

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¹. Griffin & Pustay, Op. Cit., p.401.

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³. Hill, Op. Cit., p.406.

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⁵. Ibid., p.406.

Hill, Op. Cit., p.p.404-407.

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¹. Griffen & Pustay, Op. Cit., p.400.

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³. Hill, Op. Cit., p.407.

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⁶. Hill, Op.Cit, p.398.

⁷. Ibid., p.409. ==

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Greenfield Investment (or Strategy)

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¹. WIPO, Publication N° 917 (E), Op. Cit., p.36.

². Ibid.

³. Griffen & Pustay, Op. Cit., p.404 and p.413.; Hill, Op. Cit., p.410.

.178. 40-39. .4

⁵. Griffen & Pustay, Op. Cit., p.401; Hill, Op. Cit., p.412.

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- ¹. *The protection and enforcement of intellectual property rights should contribute to the promotion of technological innovation and to the transfer and dissemination of technology, to the mutual advantage of producers and users of technological knowledge and in a manner conducive to social and economic welfare, and to a balance of rights and obligations.* Article 7, Annex 1C, Op. Cit., p.323.
 - ². Carlos M. Correa, "Can TRIPS Agreement Foster Technology Transfer to Developing Countries?", in: Keith E. Maskus; Jerome H. Reichman, **International Public Goods and Transfer of Technology Under a Globalized Intellectual Property Regime** (New York: Cambridge University Press, 2005), p.234.
 - ³. *Appropriate measures, provided that they are consistent with the provisions of this Agreement, may be needed to prevent the abuse of intellectual property rights by right holders or the resort to practices which unreasonably restrain trade or adversely affect the international transfer of technology.*, Article 8.2, Annex 1C, Op. Cit., p.323.

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TRIPS and Development: Resource Book, Part Three: Intellectual Property Rights and Competition (Draft), UNCTAD-ICTSD Capacity Building Project on Intellectual Property Rights and Sustainable Development, February 2003, p.p.10-17.

². Correa, Op. Cit., p.235.

³. Ibid., p.236.

⁴. *Members shall require that an applicant for a patent shall disclose the invention in a manner sufficiently clear and complete for the invention to be carried out by a person skilled in the art and may require the applicant to indicate the best mode for carrying out the invention known to the inventor at the filing date or, where priority is claimed, at the priority date of the application, Article 29.1, Annex 1C, Op.Cit. p.332.*

⁵. Correa, Op. Cit., p.239.

⁶. Ibid, p.240.

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Less Developing Countries-LDCs

¹. *Members agree that some licensing practices or conditions pertaining to intellectual property rights which restrain competition may have adverse effects on trade and may impede the transfer and dissemination of technology.*, Article 40.1, Annex 1C, Op. Cit., p.337.

². *Nothing in this Agreement shall prevent Members from specifying in their legislation licensing practices or conditions that may in particular cases constitute an abuse of intellectual property rights having an adverse effect on competition in the relevant market...*, Article 40.2, Annex 1C, Op. Cit., p.337.

Resource book Part Three: Intellectual Property Rights and Competition (February 2003), Op.Cit., p.p.17-18.

⁴. Correa, Op. Cit., p.236.

⁵. *Developed country Members shall provide incentives to enterprises and institutions in their territories for the purpose of promoting and encouraging technology transfer to least-developed country Members in order to enable them to create a sound and viable technological base.*, Article 66.2, Annex 1C, Op. Cit., p.348.

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¹. [Paragraph 11.2 of the Decision]: *Reaffirming that the Provisions of Article 66.2 of the TRIPS agreement are mandatory, it is agreed that the TRIPS Council shall put in place a mechanism for ensuring the monitoring and full implementation of obligations in question. To this end, developed-country Members shall submit prior to the end of 2002 detailed reports on the functioning in practice of the incentives provided to their enterprises for the transfer of technology in pursuance of their commitments under Article 66.2. These submissions shall be subject to a review in the TRIPS Council and information shall be updated by Members annually"*, See: Resource Book Part Six: Transitional and Institutional Arrangement 6.2 International and Technical Cooperation and Transfer of Technology (January 2004), Op. Cit., p.15.

². Correa, Op. Cit., p.251.

³. *Developed countries Members shall submit annually reports on actions taken or planned in pursuance of their commitments under article 66.2. To this end, they shall provide new detailed reports every third year and, in the intervening years provide updates to their most recent reports, these reports shall be submitted prior to the last Council meeting scheduled for the year in question"*, Correa, Op. Cit., p.p.251-252.

⁴. Resource Book Part Six: Transitional and Institutional Arrangement 6.2 International and Technical Cooperation and Transfer of Technology (January 2004), Op. Cit., p.p.15-16.

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² B. Seyoum

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². B. Seyoum, "The Impact of Intellectual Property Rights on Foreign Direct Investment", *Journal of Business*, Vol. xxxi, N°1 (Columbia, 1996).

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Source: Edwin Mansfield, **Intellectual Property Protection, Foreign Direct Investment, and Technology Transfer**, Discussion Paper N°19 (Washington, D.C.: The World Bank and International Finance Corporation IFC, February 1994), p.3.(Adapted)

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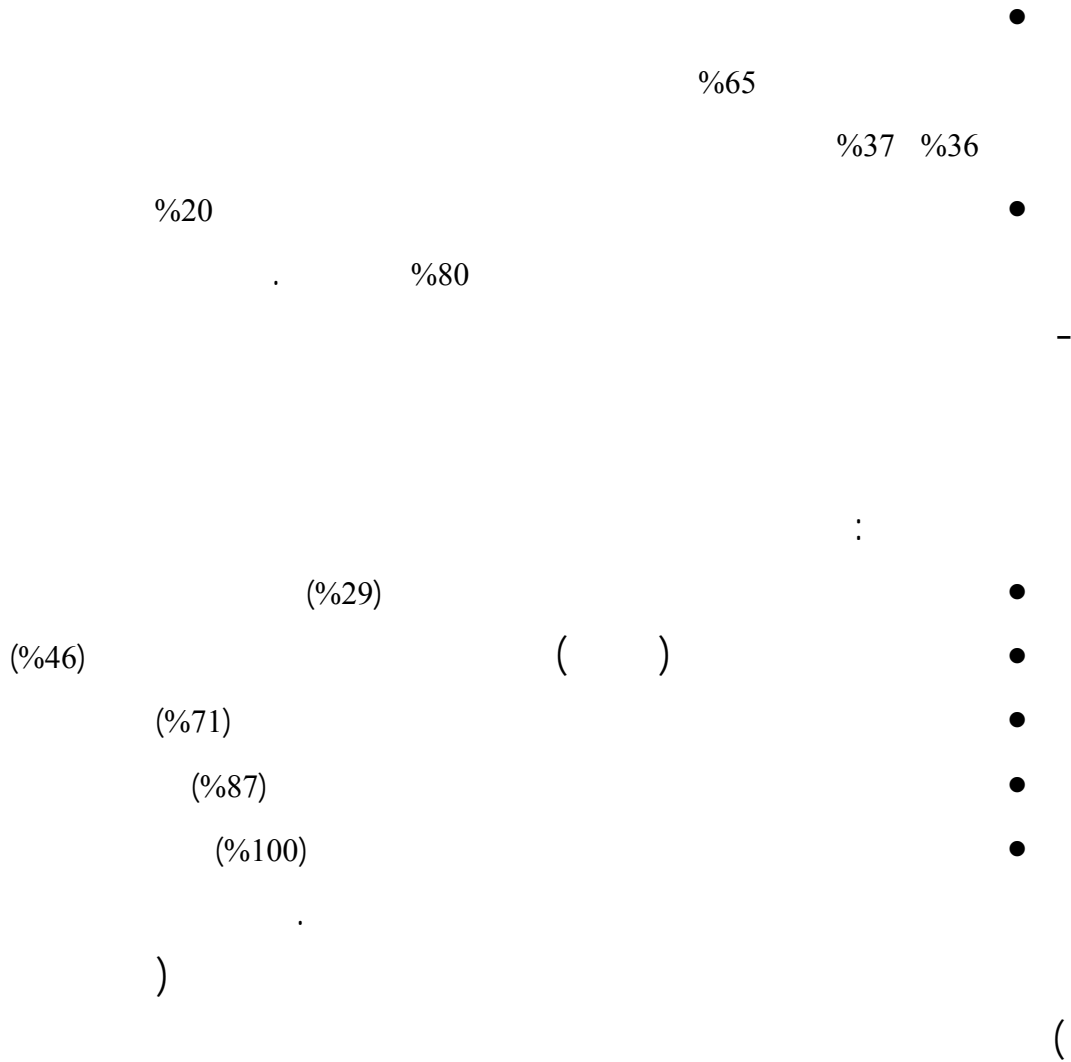
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². Edwin Mansfield, **Intellectual Property Protection, Foreign Direct Investment, and Technology Transfer**, Discussion Paper N°19 (Washington, D.C.: The World Bank and International Finance Corporation IFC, February 1994), p.1.



¹ Edwin Mansfield & J.-Y. Lee

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¹ Edwin Mansfield & J.-Y. Lee, "Intellectual Property Protection and U.S. Foreign Direct Investment", *Review of Economics and Statistics*, 1996.

² Keith Maskus, **Encouraging International Technology Transfer** (Draft), UNCTAD/ICTSD Capacity Building Project on Intellectual Property Rights and Sustainable Development (Geneva: ICTSD, December 2003), p.31.

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Source: Edwin Mansfield, **Intellectual Property Protection, Foreign Direct Investment, and Technology Transfer**, Discussion Paper N°19 (Washington, D.C.: The World Bank and International Finance Corporation IFC, February 1994), p.4. (Adapted)

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¹ *Keith Maskus Yang Guifang*

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¹. *Yang Guifang, Keith Maskus, "Intellectual Property Rights and Licensing an Economic Investigation", Weltwirtschaftliches Archiv, 137(2001).*

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Guinarte Juan Carlos and Walter G. Park, "Determinants of Patent Rights: A Cross-National Study", Research Policy N°26.

³. Maskus (December 2003), Op. Cit., p.p.31-32.

⁴. Mansfield (February 1994), Op. Cit., p.5.

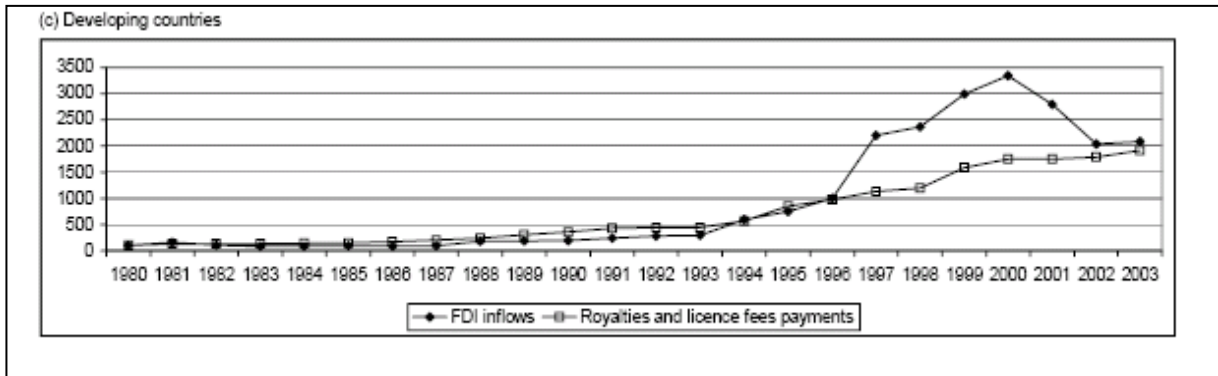
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Source: Edwin Mansfield, **Intellectual Property Protection, Foreign Direct Investment, and Technology Transfer**, Discussion Paper N°19 (Washington, D.C.: The World Bank and International Finance Corporation IFC, February 1994), p.8. (Adapted)

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Source: Masataka Fujita, **Foreign Direct Investment and Developing Countries**, Asian Development Bank, Incentive Course on Investment, February 22-25, 2005, p.17., www.adb.org/Documents/Events/2005/Intensive-Course-Investment/foreign-direct-investment.pdf, Last Visited: May 31, 2007.

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¹. Fujita, Op. Cit., p.16.

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Source : Walter G. Park, **International Licensing and the Strengthening of Intellectual Property Rights in Developing Countries**, Working Party of the OECD Trade Committee, 21-22 June 2004, Paper N°TD/TC/WP(2004)31 (Paris: OECD, 2004), p.39. (Adapted)

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Source : Walter G. PARK, **International Licensing and the Strengthening of Intellectual Property Rights in Developing Countries**, Working Party of the OECD Trade Committee, 21-22 June 2004, Paper N°TD/TC/WP(2004)31 (Paris: OECD, 2004), p.40. (Adapted)

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².F. Bergsten

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⁴. Peter Kleen, Elisabeth Dahlin, Gunnar Fors & Others, **Consequences of WTO-Agreements for Developing Countries** (Stockholm, sweden: Konnerskoll-Egium (National Board of Trade), 2004), p.225.

Guinarte-Park

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³ Pamela Smith

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Michael J. 1982

⁵ Ferrantino

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Smith (2001)

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¹. Juan S. Blyde & Cristina Acea, "The Effects of Intellectual Property Rights on Trade, and FDI in Latin America", Inter American Development Bank, Manuscript, 2002.

². Maskus (December 2003), Op. Cit., p.31.

³. Pamela Smith, "How do Foreign Patent Rights Affect U.S. Exports, Affiliate Sales and Licenses?", *Journal of International Economics*, N°55 (2001).

⁴. Maskus (December 2003), Op. Cit., p.32.

⁵. Michael J. Ferrantino, *The Effect of Intellectual Property Rights on International Trade and Investment*, *Weltwirtschaftliches Archiv* 129, 1993.

⁶. Keith E. Maskus, Kamal Saggi & Thitima Puttitanun, "Patents Rights and International Technology Transfer Through Direct Investment and Licensing", **International Public Goods and Transfer of Technology Under a Globalized Intellectual Property Regime**, in: Keith E. Maskus & Jerome H. Reichman (New York: Cambridge University Press, 2005), p.272.

Ferrantino

¹ M. P. Zuniga E .Bascavusoglu

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⁴ Thitima Puttitanun ³ Michael Nicholson

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Puttitanun

Smarzynska

⁵ Nicholson

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*Genetically Modified Organism*²

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⁴K. Kondo

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Jean-Claude Grenier, "Les Organismes Génétiquement Modifiés, Une Nouvelle Arme Américaine", **Economia**, N°22-23 Août/Septembre 2002 (Exclusif) (Paris: Ariane Communication, 2002), p.p.120-121.

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| 43 | 41 | 20 | 38 | 38 | 40 | 81 | |
| 23 | 23 | 0 | 25 | 31 | 20 | 40 | |
| 2 | 0 | 0 | 0 | 14 | 0 | 0 | |
| 20 | 22 | 0 | 25 | 21 | 20 | 31 | |
| 30 | 23 | 20 | 25 | 25 | 20 | 67 | |
| 24 | 17 | 0 | 12 | 28 | 40 | 47 | |
| 14 | 0 | 0 | 12 | 21 | 40 | 12 | |
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| 27 | 35 | 0 | 25 | 41 | 40 | 19 | |
| 33 | 14 | 0 | 12 | 31 | 80 | 60 | |
| 20 | 18 | 0 | 12 | 18 | 20 | 50 | |
| 22 | 20 | 5 | 15 | 25 | 28 | 38 | |

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¹ S. Nagaoka

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³ *Donald Munro* ² *William Alford*
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Bad Knowledge

Good Knowledge

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Beck & Pan, Op. Cit., p.9. .10.

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| Law and Regulations | Date of Implementation | Status of Implementation | Description | Old versions of law and Regulations |
|---|-------------------------------|-----------------------------------|--|--|
| New version of Copyright Law | Upon accession into the WTO | Adopted on 27 October 2001 | 60 articles including : 10 new articles 6 canceled 31 revised articles | 1990 Copyright Law : 56 articles |
| Regulations for Implementation of Copyright Law | Upon accession into the WTO | Effective as of 15 September 2002 | | |
| Regulations for the Protection of Computer Software. | Upon accession into the WTO | Effective as of 1 January 2002 | | |
| New version of Trademark Law | Upon accession into the WTO | Adopted on 27 October 2001 | 64 articles including 23 new articles 2 canceled articles 20 revised articles | - 1993 Trademark Law: 43 articles including 6 revised article - 1982 Trademark Law : 43 articles |
| Regulations for Implementation of Trademark Law | Upon accession into the WTO | Effective as of 15 September 2002 | | |
| New version of Patent Law | Before accession into the WTO | Adopted on 25 August 2000 | 69 articles including 5 new articles 5 canceled articles 29 revised articles | - 1992 Patent Law: 69 articles including 14 revised articles - 1984 Patent Law : 69 articles |
| Detail Rules for the Implementation of Patent Law | Before accession into the WTO | Effective as of 1 July 2001 | | |
| Regulations for the Protection of New Varieties of Plants | Before accession into the WTO | Effective as of 1 October 1997 | | |
| Law Against Unfair Competition | Before accession into the WTO | Effective as of 1 December 1992 | | |
| Regulations on the Implementation of the Integrated Circuit Layout Design | Before accession into the WTO | Effective as of 10 October 2001 | | |

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| | Features/strengths | Limits/weaknesses |
|----------------------------|---|--|
| Administrative enforcement | <ul style="list-style-type: none"> ▪ Inexpensive, fast, local. ▪ Expert agency-nearly an administrative agency for each type of IP right. ▪ Do not need a lawyer. ▪ May be able to obtain an injunction. | <ul style="list-style-type: none"> ▪ Local protectionism. ▪ Penalties usually non- deterrent, non transparent. ▪ Difficult to transfer to criminal prosecution. ▪ Limited geographic jurisdiction. ▪ Damages for injured party not likely available. ▪ Luck of co-ordination among enforcement bodies. |
| Civil enforcement | <ul style="list-style-type: none"> ▪ Specialised judiciary that may be trained in IPR. ▪ Availability of damages and injunctive remedies. ▪ Rights of appeal. ▪ Nationwide jurisdiction. | <ul style="list-style-type: none"> ▪ High cost. ▪ Low damage awards. |
| Criminal enforcement | <ul style="list-style-type: none"> ▪ Can be bought by police/prosecutors and injured party. ▪ Deterrent damages possible (fine and imprisonment). ▪ Possibility of civil damages in addition to criminal punishment. | <ul style="list-style-type: none"> ▪ High thresholds. ▪ Not all IP infringement are criminalised. ▪ May be a problem in having administrative cases referred to criminal prosecution. |
| Customs enforcement | <ul style="list-style-type: none"> ▪ Available for import export, stops goods in transit. ▪ Expensive. ▪ Stops the harm caused by export of counterfeit goods. | <ul style="list-style-type: none"> ▪ Storage charges and other expenses can be high. ▪ Export of counterfeit and pirated goods increasing. ▪ Customs can only expect a limited percentage of goods exported. |

Source: Gang Zhang, **Promoting IPR Policy and Enforcement in China**, Summary of OECD-China Dialogues on Intellectual Property Rights Policy and Enforcement, Directorate for Science, Technology and Industry Working Papers (STI) Working Papers, Working paper N°DSTI/DOC(2005)1(OECD, February 9, 2005), p.23.

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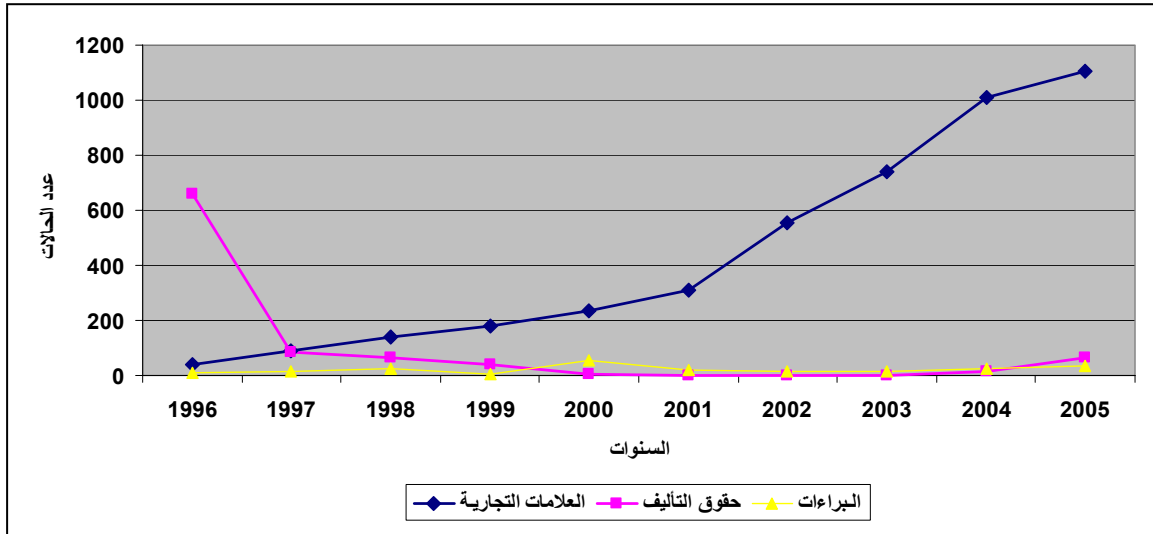
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Technology Promotion Zones

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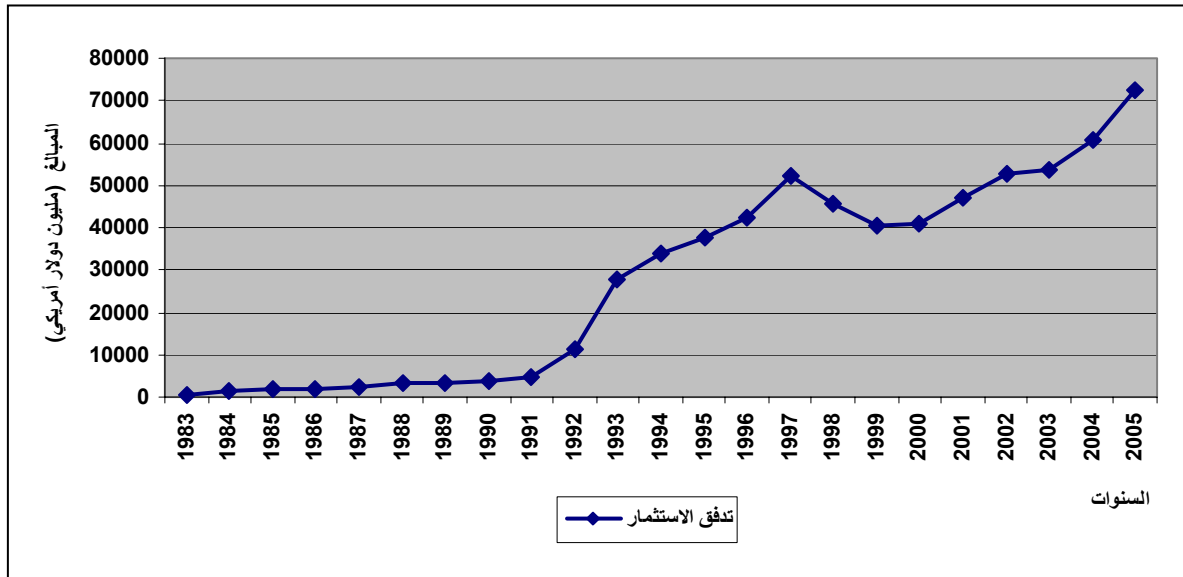
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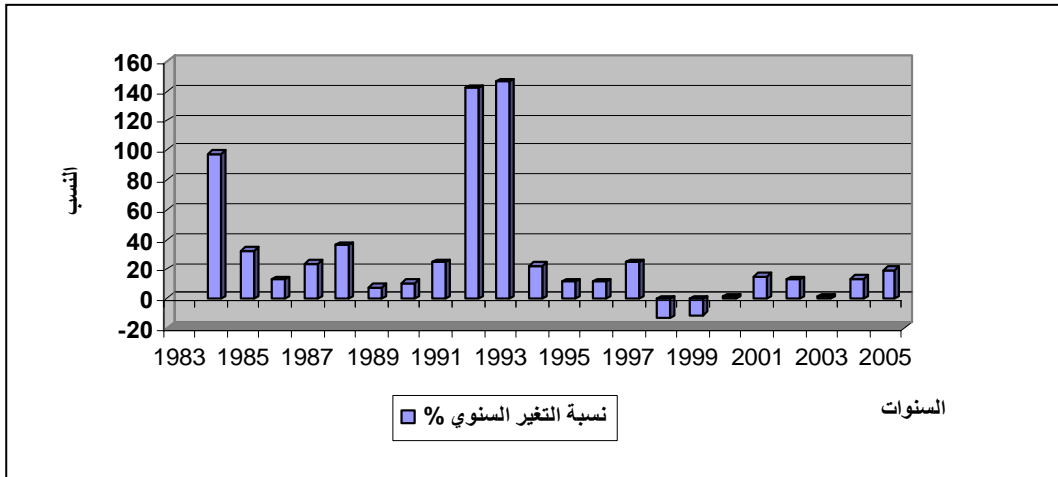
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| Guangdong, Tianjin, Jiangsu, Shandong, Liaoning | 0.145 | 4.98 | 74 | 433 | 8.28 | 123 | 3.132 | 86.74 | 1289 | 2.766 | 69.85 | 1038 | 1486 | |
| Guangdong, Tianjin, Jiangsu, Shandong, Liaoning | 0.291 | 6.05 | 203 | 319 | 8.20 | 275 | 4.855 | 85.74 | 2875 | 4.083 | 69.34 | 2325 | 3353 | |
| | 0.515 | 4.64 | 352 | - | 6.70 | 508 | 11.971 | 88.66 | 6724 | 10.3 | 72.13 | 5470 | 7584 | |

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Report of Foreign Investment in China 2003, p.p.73-81., <http://english.mofcom.gov.cn/bizchina/3.pdf>, Last Visited: April 26, 2007.

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| 13.89 | 0.87 | 42.3 | 42.9 | 1986 |
| 7.92 | 1.06 | 26.8 | 64.2 | 1987 |
| 6.64 | 7.08 | 24.4 | 61.9 | 1988 |
| 6.84 | 11 | 22.2 | 60.1 | 1989 |
| 7.01 | 19.6 | 19.3 | 54.1 | 1990 |
| 3.87 | 26 | 17.5 | 52.7 | 1991 |
| 2.27 | 22.9 | 19.3 | 55.6 | 1992 |
| 1.5 | 23.7 | 19 | 55.8 | 1993 |
| 2 | 23.8 | 21.1 | 53.1 | 1994 |
| 0.08 | 36.87 | 19.51 | 43.54 | 1995 |
| 0.4 | 36.59 | 19.51 | 43.5 | 1996 |
| 1.43 | 35.78 | 19.73 | 43.08 | 1997 |
| 2.04 | 36.22 | 21.38 | 40.36 | 1998 |
| 1.72 | 38.55 | 20.47 | 39.26 | 1999 |
| 1.26 | 47.31 | 16.20 | 35.23 | 2000 |
| 2.25 | 50.93 | 13.25 | 33.57 | 2001 |
| 1.84 | 60.15 | 9.59 | 28.42 | 2002 |
| 0.06 | 63.05 | 7.25 | 29.07 | 2003 |
| 0.04 | 67.62 | 5.13 | 27.03 | 2004 |
| 0.00 | 72.74 | 3.04 | 24.23 | 2005 |
| 0.13 | 75.5 | 1.85 | 22.52 | (4) 2007 |

Lipu, OP.Cit., p.64. :2002-1995 :

Fung; Lau; Lee, Op.Cit., p.49. :2003 1994-1986

: :2004

China Statistical Year Book 2005, www.stats.gov.cn/tjsj/ndsj/2005/html/R1814E.HTM, Last Visited May 4, 2007.

: :2005

China Statistical Year Book 2006, www.stats.gov.cn/tjsj/ndsj/2006/html/R1815e.HTM, Last Visited May 4, 2007.

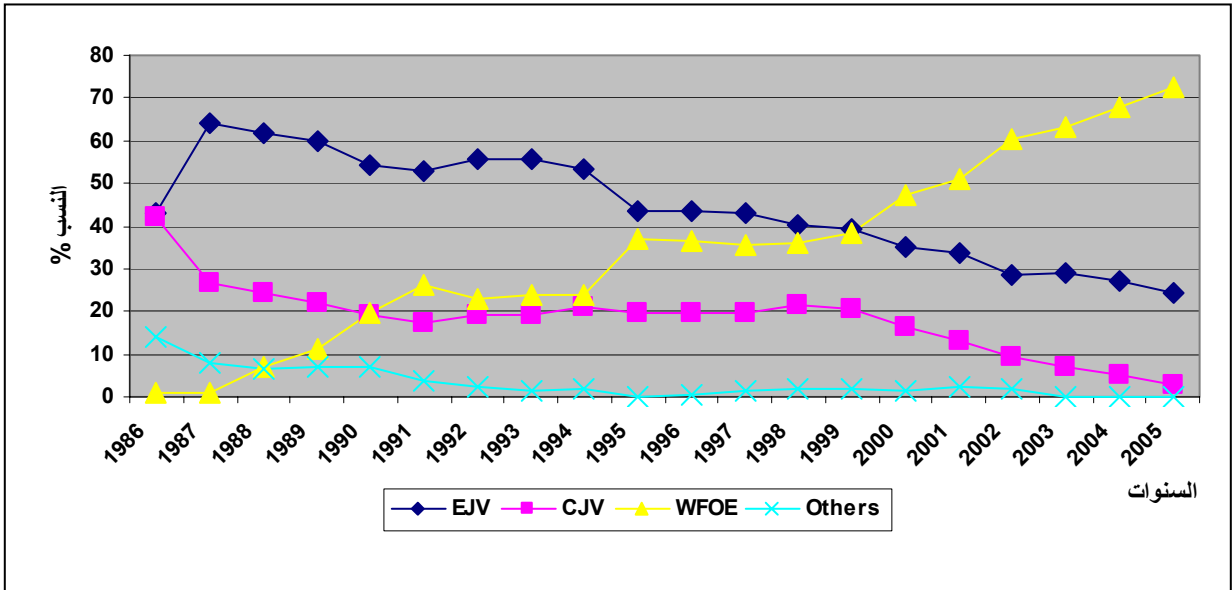
:2007

www.fdi.gov.cn/pub/FDI_EN/Statistics/t20070517_78544.htm, Last Visited: June 8, 2007.

¹. WFOE: Wholly Foreign Owned Enterprises; EJV: Equity Joint Ventures; CJV: Contracted Joint Ventures; Others: such as Cooperative Development.

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| 33.7 | 5.8 | 52.3 | 2.3 | 5.8 |) (Domestic majority- owned joint venture |
| 25.8 | 9.7 | 41.9 | 0 | 22.6 | Equally shared- joint ventures |
| 14.1 | 17.9 | 26.9 | 1.3 | 39.7 |) (Foreign majority-owned joint ventures |
| 15.7 | 23.3 | 29.4 | 1.7 | 31.7 | Solely foreign-owned |
| 24 | 2 | 32.2 | 6 | 28 | Cooperative foreign-owned |
| 21.2 | 15.3 | 34.8 | 2.1 | 26.8 | Total foreign-owned |

Source: Guoqiang Long, "China's Policies on FDI: Review and Evaluation", in: **Does Foreign Direct Investment Promote Development?**, Edited by: Theodore H. Moran; Edward M. Graham; Magnus Blomström (Washington D. C.: Institute of International Economics, May 2005), p.329 (Adapted).

¹. Long, Op. Cit., p.327. and p.329.

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Guangdong, Jiangsu, Shanghai, Zhejiang, Shandong, Tianjin & Fujian

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http://www.fdi.gov.cn/pub/FDI_EN/Statistics/AnnualStatisticsData/AnnualFDIData/FDIStatistics2005/t20060906_61448.htm. Last Visited: May 31, 2007.

2. Greeven, Op. Cit., p.p.10-11.

Greeven, Op. Cit., p.11.:

*.Deng**Zhou*

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Regulations of the People's

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¹. Greeven, Op. Cit., p.13.

². Ibid.

³. Ibid., p.14.

⁴. Ibid., p.14 and p.17.

⁵. Ibid., p.17.

Republic of China on Import and Export of Technology

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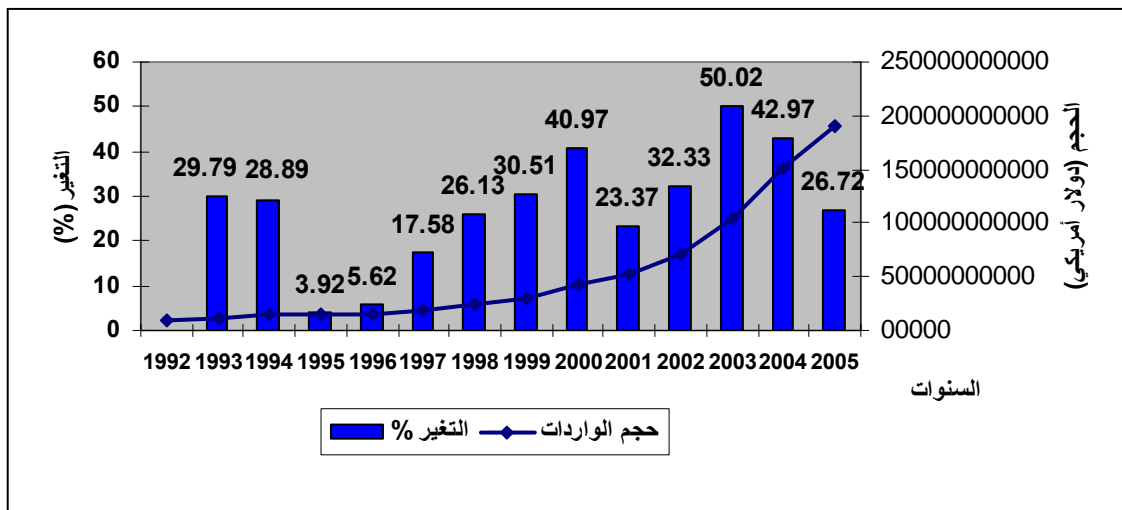
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.2005-1992

SITC Revision 3



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1. Greeven, Op. Cit., p.15.

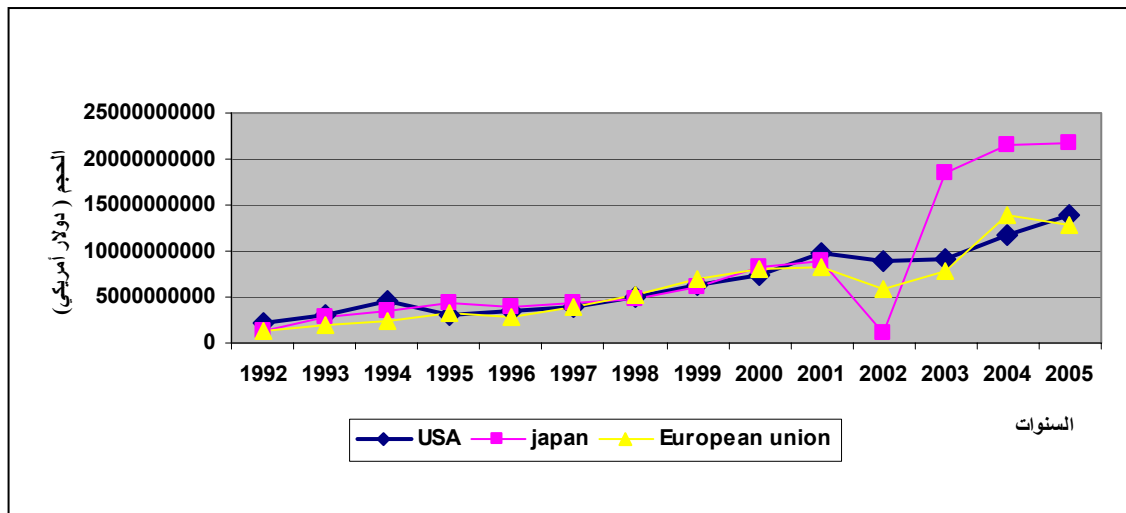
2. Henry, OP. Cit., p.p.22-23.

2003-2001 2000-1995 .2005-1992
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2005-1992

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¹ . Guillaume Gaulier, Françoise Lemoine & Deniz Ünal-Kesenci, **China's Integration in East Asia: Production Sharing, FDI & High-Tech Trade**, Document de Travail N°2005 du Centre d'Etudes Prospectives et d'Informations Internationales (CEPII) (Paris: CEPII, 9 Juin 2005), P.41., www.cepii.fr/anglaisgraph/workpap/pdf/2005/wp05-09.pdf, Dernière Visite: May 31, 2007.

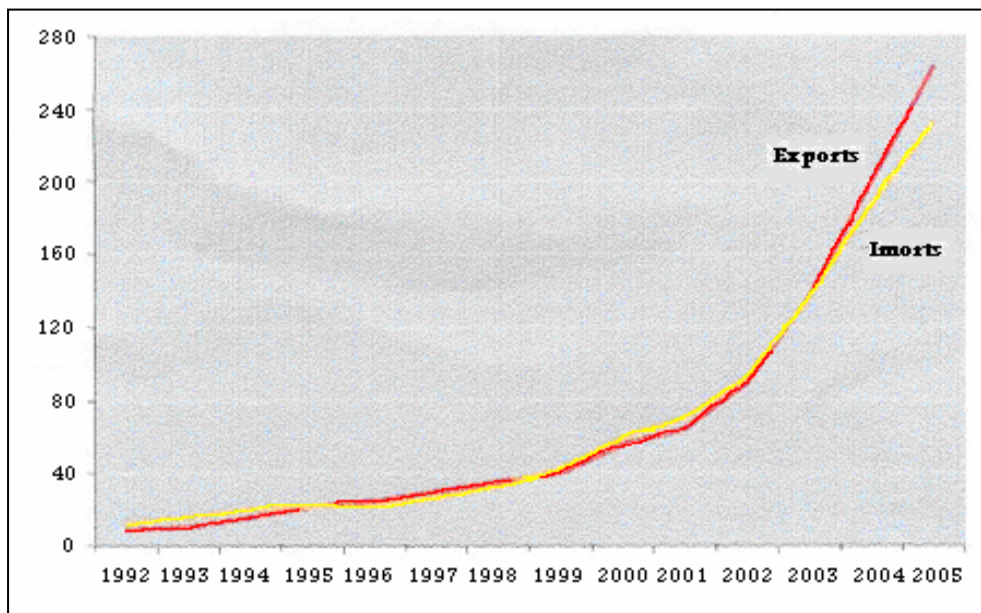
1. %11 %15.8 1996 1995
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 %70

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() 2005-1992



Source: Frédérique Sachwald, "China, High or Low Tech Power ? The Contrasted Picture of China Scientific and Technological Capabilities", Tokyo Club Macro Conference (Tokyo, 6-7 December 2006), p.8., www.tcf.or.jp/data/2006120607_Frederique_Sachwald.pdf, Last Visited: May 31, 2007.

¹ Masanobu Kita, "Possibilities For Developing International Licensing Businesses in China, – License-out Viewpoint for Market-Oriented Know-How-" , **Japan Bank for International Cooperation Review (JBICI Review)**, No. 8 (JBICI, November 2003), p.16.

² Ibid., p.16.

³ La Croix & Konan, Op. Cit., p.39.

2003

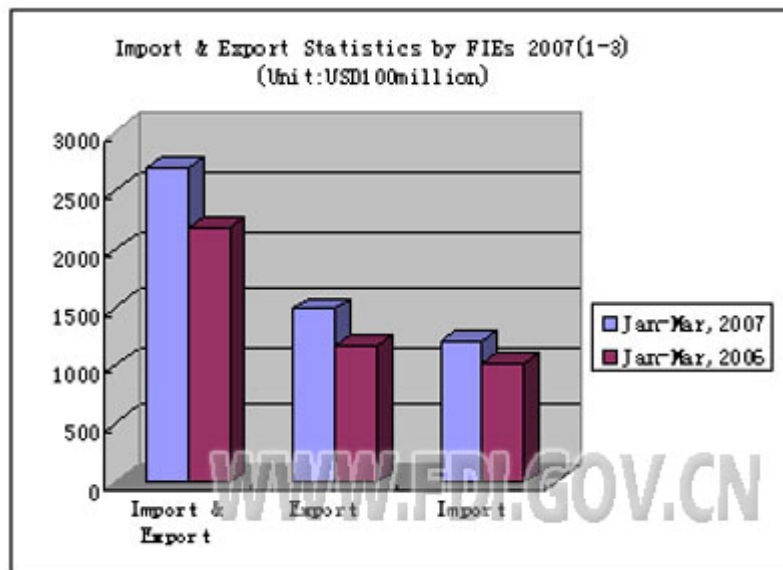
1995

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Source: www.fdi.gov.cn/pub/FDI_EN/Statistics/t20070430_77871.htm, Last Visited: June 1, 2007.

2007

%59.17

¹.2001 %50

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www.fdi.gov.cn/pub/FDI_EN/Statistics/t20070430_77871.htm, Last Visited: June 1, 2007.

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1993 *Keith Maskus*

SITC- Revision 2

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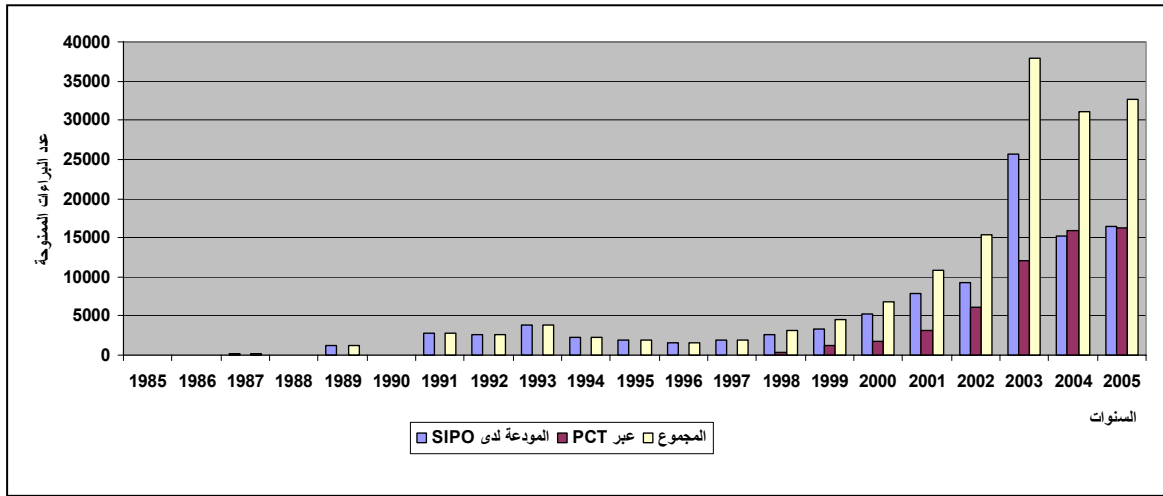
*Maskus**SIPO*

¹. Patent-related products: SITC 512, 541, 583, 728, 736, 751, 752, 774, 7764 and SITC 7764; Copyright related products: SITC 8921 SITC 8983; Trade mark-related products: SITC 112, 553, 556, 784, 821, 831, 84, 8851 and SITC 8942. See: John Revesz, **Trade-Related Aspects of Intellectual Property Rights**, Productivity Commission Staff Research Paper (Canberra, Australia: Australian Government Publishing Service AGPS, May 1999), p.59.

². Ibid., p.59.

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1985 2005.



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1985

1996 1991

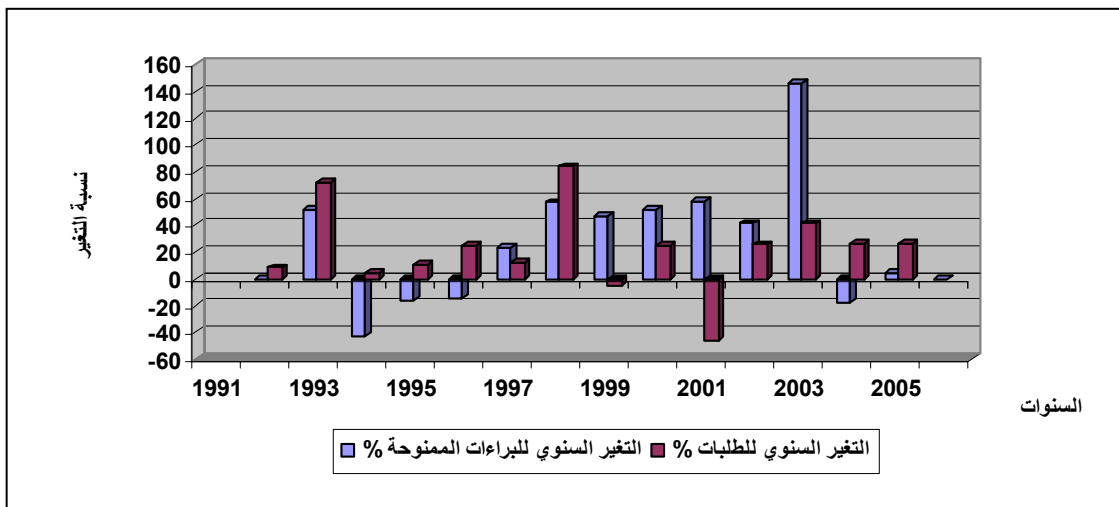
1988

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%58 %52

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3501 ISIC 32

².ISIC 30

1830 ISIC 423

¹. WIPO Patent Report, Statistics on Worldwide Patent Activity, 2006 (Geneva: WIPO, 2006), p.p.9-10. and p.32.

². Lipu, Op. Cit., p.62.

%30.64

2002

14

.2006

| | Grant | Application | | Grant | Application | | Grant | Application |
|--------------------|--------------------------|-------------------------|-----------------------|-------------------------|--------------------------|-----------------------|------------------------|------------------------|
| East Region | 16065 (73.42%) | 86719 (79.1%) | Central Region | 4319 (19.73%) | 18047 (16.45%) | Western Region | 1498 (%6.85) | 4946 (4.51%) |
| Beijing | 3864 | 14226 | Shanxi | 314 | 965 | Guizhou | 188 | 923 |
| Tianjin | 967 | 4981 | Jilin | 449 | 1335 | Yunnan | 355 | 1005 |
| Liaoning | 1063 | 4368 | Heilongjiang | 565 | 1911 | Tibet (Xizang) | 7 | 21 |
| Shanghai | 2644 | 12050 | Anhui | 272 | 1274 | Shaanxi | 602 | 1815 |
| Jiangsu | 1631 | 10214 | Jiangxi | 157 | 823 | Qinghai | 30 | 79 |
| Zhejiang | 1424 | 8333 | Henan | 450 | 2404 | Ningxia | 64 | 172 |
| Fujian | 310 | 1437 | Hubei | 855 | 2827 | Xinjiang | 107 | 381 |
| Shangdong | 1092 | 7237 | Hunan | 581 | 3578 | Inner Mongolia | NA | NA |
| Guangdong | 2441 | 21351 | Sichuan | 676 | 2930 | Gansu | 145 | 550 |
| Hainan | 39 | 246 | | | | | | |
| Hebei | 407 | 1597 | | | | | | |
| Guangxi | 183 | 679 | | | | | | |
| Chongqing | 246 | 1204 | | | | | | |

Source: http://english.ipr.gov.cn/ipr/en/info/Article.jsp?a_no=47890&col_no=103&dir=20070,
Last Visited: February 21, 2007.

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M. P. E. Bascavusoglu Pamela Smith

Edwin Mansfield Zuniga

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| 2003 | 2002 | 2001 | 2000 | 1999 | 1998 | |
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| 2748 | 2098 | - | - | - | - | |
| 23.7 | 22 | 21.7 | 21.6 | 19.2 | 18 | % |

Source: United Nations Conference on Trade and Development, Transnational Corporations and the Internationalization of R&D, **World Investment Report 2005** (New York and Geneva: United Nations, 2005), p.292.

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2

ISIC 25 ISIC 24

.Guangdong, Beijing, Shanghai, Jiangsu & Tianjin

3

2004

%35.5

4 .%47.1

%58.8

2009 2005

%61.8

5 %29.4

%41.2

¹. Lakhwinder Singh, **Innovations and Economic Growth in a Fast Changing Global Economy: Comparative Experience of Asian Countries**, Munich Personal RePEc Archive (MPRA) papers, paper N°80,(Patiala, India: Department of Economics, Punjabi University, August 2006), p.12., http://mpr.a.ub.uni-muenchen.de/80/01/MPRA_paper_80.pdf, Last Visited: May 21, 2007.

². Long, Op. Cit., p.330.; Report of Foreign Investment in China 2003, Op. Cit., p.119., Microsoft, GE, Motorola, Intel, GM, Honda, Siemens, Nortel, Volkswagen:

³. Report of Foreign Investment in China 2003, Op. Cit., p.120.; Long, Op. Cit., p.331.

⁴. World Investment Report 2005, Op. Cit., p.133.

⁵. Ibid., p.153.

16

1.2002-1994

| 2002 | 2001 | 2000 | 1999 | 1998 | 1997 | 1996 | 1995 | 1994 | |
|-------|------|-------|--------|-------|------|-------|-------|------|---|
| 646 | na | 506 | 319 | 52 | 35 | 25 | 13 | 7 | |
| 27.67 | - | 58.62 | 513.46 | 48.57 | 40 | 92.31 | 85.71 | - | % |
| 1 | - | 2 | 2 | 4 | 5 | 5 | 7 | 7 | |

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United Nations Conference on Trade and Development, Transnational Corporations and the Internationalization of R&D, **World Investment Report 2005** (New York and Geneva: United Nations, 2005), p.129.

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| 67 | 29 | 28 | 19 | 13 | |
| 310 | 216 | 265 | 193 | 177 | |
| 131.04 | 3.57 | 47.37 | 46.15 | - | % |
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United Nations Conference on Trade and Development, Transnational Corporations and the Internationalization of R&D, **World Investment Report 2005** (New York and Geneva: United Nations, 2005), p.131.

2004 %21.6 2000 %7.35

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¹.2007-1997

| 2007 | 2006 | 2005 | 2004 | 2003 | 2002 | 2001 | 2000 | 1999 | 1998 | 1997 | |
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| 9.1 | 7 | 5.3 | 4.5 | 3.5 | 3.1 | 1.9 | 1.3 | Na | 0.42 | 2 | () |
| 30 | 32.1 | 17.78 | 28.57 | 12.9 | 63.16 | 46.15 | ² 209.52 | na | -79 | - | (%) |

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3.1 3.114.004.000 2002

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Ma Yongtang, **Recent Trends and Data of Economy, Labor Market and Migration in China for 2004**, a Country Paper For The Workshop on International Migration and Labor Market in Asia (Tokyo: February 5-6 2004); p.429, www.jil.go.jp/foreign/event_r/event/documents/2004sopemi/2004sopemi_e_all.pdf, Last Visited: April 4, 2007.

3.1 4.497 2002

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Singh, OP. Cit., p.11.

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Exploring the Links Between Subsidies, Trade and The WTO, World Trade Report 2006 (Geneva: World Trade Organization, 2006) p.23.

:2007

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Oxford Economics, **The Prospects for US-China Services Trade and Investment** (Washington D.C.: The China Business Forum, December 2006), p.27.

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Sanjaya Lall; Manuel Albaladejo, **Indicators of the Relative Importance of IPRs In Developing Countries**, Issue paper N° 3 prepared for the UNCTAD-ICTSD Project on Intellectual Property and Development (Queen Elizabeth House, Oxford University, June 2003), p.27.

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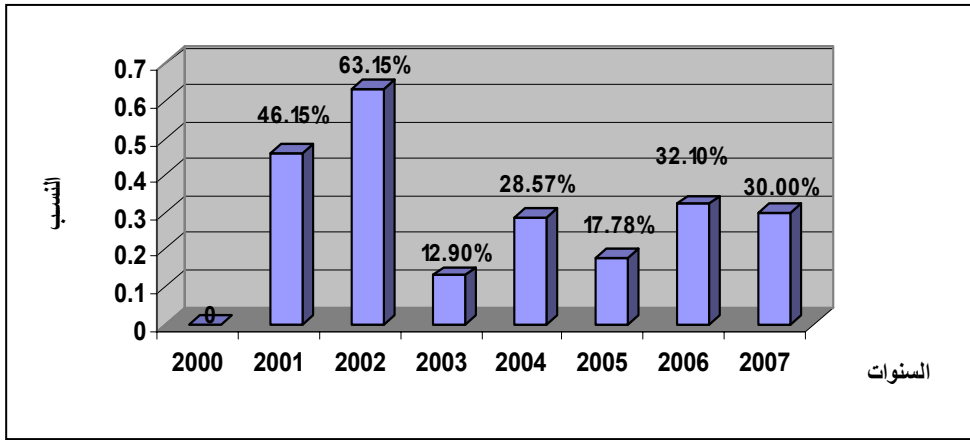
Economic Analytical Unit, Department of Foreign Affairs and Trade, Australian Government, Unlocking China's Services Sector (Australia: Commonwealth of Australia, 2005), P.18.

:2005

China's Balance of Payments Report for 2005 (State Administration of Foreign Exchange, Balance of Payments Analysis Group, April 2006), p.8., www.safe.gov.cn/model_safe_en/tjsj_en/pic/20060927150154112.pdf, Last Visited: April 5, 2007.

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| 2003 | 2002 | 2001 | 2000 | 1999 | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | |
|------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|------|---------|
| 831 ² | 723 | 571 | 501 | 409 | 318 | 250 | 153 | 113 | 64 | 111 | 72 | |
| 14.94 | 26.61 | 13.97 | 22.5 | 28.62 | 27.2 | 63.40 | 35.4 | 76.56 | 42.34- | 54.17 | | % |
| - | 497 | 401 | 346 | 310 | 212 | 165 | 90 | 54 | 23 | a | 35 | (A) |
| | 23.94 | 15.9 | 11.61 | 46.23 | 28.48 | 83.33 | 66.67 | 134.78 | | | | % |
| - | 497 | 400 | 346 | 308 | 211 | 164 | 87 | 52 | 23 | a | 35 | (B) USA |
| | 100 | 99.8 | 100 | 99.4 | 99.5 | 99.4 | 96.7 | 96.3 | 100 | | 100 | % A/B |
| - | b | 1 | b | 1 | 1 | 1 | 3 | 2 | b | a | 0 | USA |
| - | 226 | 170 | 155 | 100 | 106 | 85 | 63 | 59 | 40 | a | 37 | |
| - | 48 | 43 | 44 | 32 | 47 | 52 | 43 | 31 | 26 | 59 | 35 | |
| - | 3 | a | 4 | 5 | 5 | 5 | 5 | 4 | 3 | b | 0 | |
| - | 20 | 9 | 17 | 10 | 5 | 6 | 7 | 8 | 3 | na | na | |

Source: K. C. Fung; Lawrence J. Lau; Joseph S. Lee, **U.S. Direct Investment in China**, (Washington: American Enterprise Institute for Public Policy Research, Washington, D.C, 2004), p.p.152-153. (Adapted)

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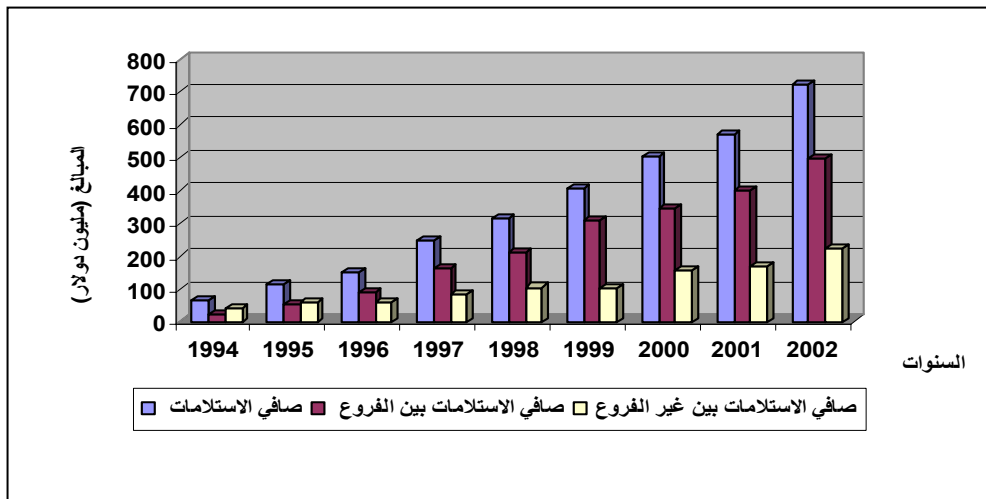
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| .491(A) | . | | .24 |
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| . | " | | ".35 |
| | .2004 27 | .TD/B/COM.2/L.20 | |

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| 72406 | 60630 | 53505 | 52742.9 | 46877.6 | 40714.8 | 40318.7 | 45462.8 | 52387.3 | 42135.2 | 37805.7 | 33945.8 | |
| 19.42 | 13.32 | 1.45 | 12.51 | 15.14 | 0.98 | 11.32- | 13.22- | 24.33 | 11.45 | 11.37 | 22.24 | % |

Source : Jemal-ud-din Kassum, Yukon Huang ; Homi Kharas ; Hana Polackova Brix, China Promoting Growth With Equity , **Country Economic Memorandum**, Report No.24169-CHA (World Bank, October 15, 2003), P.131.;

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United Nations Conference on Trade and Development, Transnational Corporations and the Internationalization of R&D, World Investment Report 2005 (New York and Geneva: United Nations, 2006), Different pages; Chunlai (Paper N°97/16), Op. Cit., p.5.; Report of Foreign Investment in China 2003, Op. Cit., p.72.; UNCTAD Handbook of Statistics 2005, Op. Cit., Different pages.

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| (15) | | | |
|-------------|-------------|-------------|-------------|
| 1280993027 | 1331724973 | 2104453038 | 1992 |
| 1993860610 | 2743952434 | 3108875979 | 1993 |
| 2421365950 | 3517024335 | 4616863636 | 1994 |
| 3291104905 | 4270886942 | 3086352779 | 1995 |
| 2921975354 | 4000585576 | 3542376682 | 1996 |
| 3848399570 | 4439357051 | 3982846443 | 1997 |
| 5280741210 | 4712932678 | 4996737667 | 1998 |
| 7030394332 | 6181726000 | 6313612666 | 1999 |
| 7954861337 | 8289751511 | 7432484623 | 2000 |
| 8202142792 | 8870759260 | 9839193047 | 2001 |
| 5787656196 | 1179905694 | 8981828331 | 2002 |
| 7802874041 | 18401289985 | 9191266231 | 2003 |
| 13841857411 | 21573358281 | 11761355884 | 2004 |
| 12723293747 | 21703747735 | 13869616512 | 2005 |

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<http://comtrade.un.org> , Last visited: May 7, 2007

.SITC Revision 3

2005-1992

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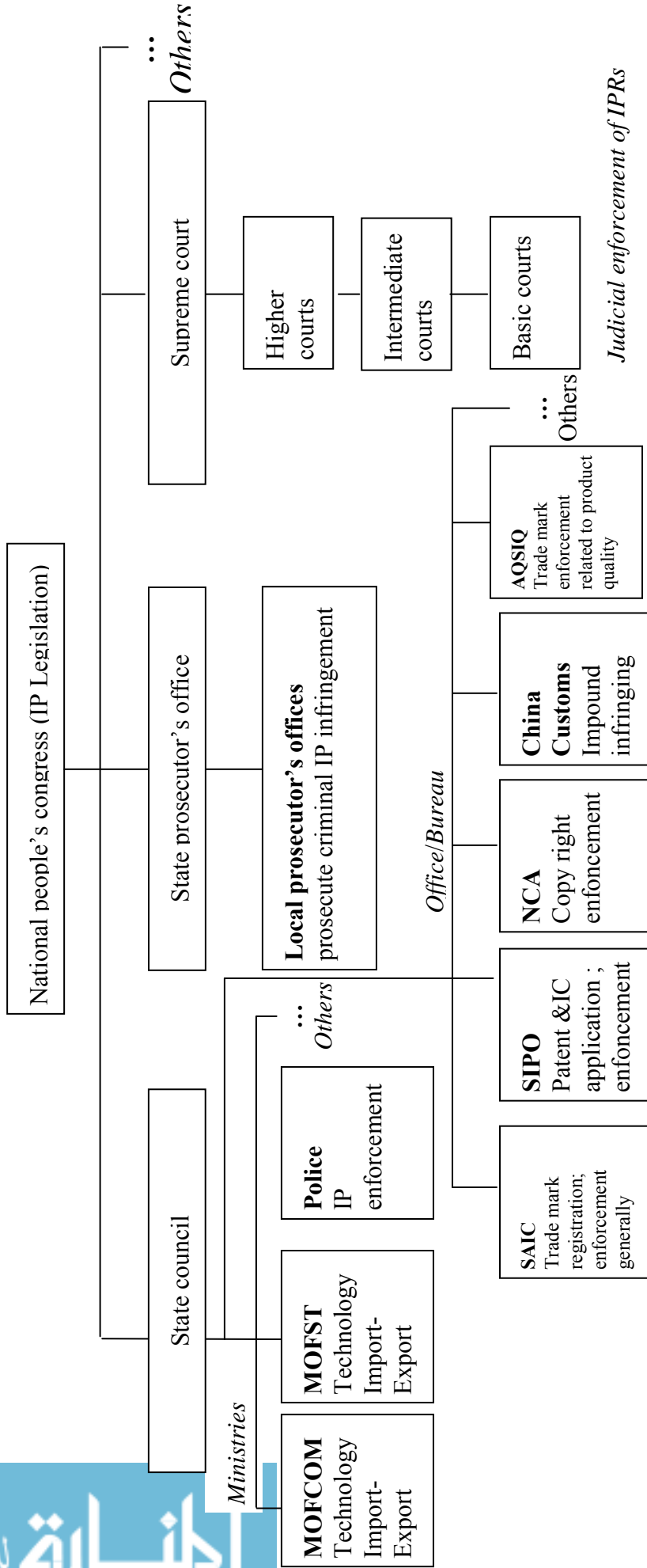
| SITC code | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| 29249 | 9360850 | 5899709 | 6061349 | 7048501 | 6899602 | 9272680 | 12513585 | 8540836 | 8209976 | 9565142 | 17101314 | 17648109 | 22706186 | 23764057 |
| 29299 | 3013495 | 2845380 | 2372277 | 1425783 | 3104213 | 652647 | 972455 | 969793 | 2287325 | 3612193 | 3267774 | 3052515 | 3647820 | 3727660 |
| 5169 | 11736146 | 9805192 | 14880038 | 18179533 | 17094306 | 34959689 | 152252507 | 36613556 | 46161405 | 49060475 | 55302854 | 64860873 | 86139152 | 112462546 |
| 525 | 4071067 | 5498991 | 16553623 | 18947505 | 9286579 | 22305104 | 28010608 | 31312073 | 37725943 | 127987636 | 124255841 | 94564962 | 123840929 | 130005882 |
| 5413 | 135728354 | 123254640 | 143855796 | 114441361 | 54087041 | 48737634 | 100779193 | 125982309 | 105949948 | 179237201 | 241633813 | 245852320 | 250185068 | 268373722 |
| 5415 | 4244180 | 7663241 | 15127411 | 7331084 | 3193853 | 1508811 | 1465906 | 7547519 | 5166599 | 5181491 | 5316285 | 5346781 | 6907822 | 4518691 |
| 5416 | 21875765 | 19143873 | 17570894 | 10934028 | 14662352 | 20384554 | 29302379 | 52214767 | 69092685 | 86254879 | 138100773 | 141541830 | 148253273 | 180498667 |
| 5419 Less 5491 | 7784603 | 10260607 | 5633682 | 11111524 | 12175927 | 9832900 | 17354994 | 19754670 | 28741076 | 28468552 | 30472641 | 43187487 | 64591807 | 73800868 |
| 591 | 203650464 | 122355226 | 137210451 | 159742965 | 137547291 | 165709943 | 185993722 | 242575381 | 192226648 | 165024542 | 136088015 | 133985504 | 146802934 | 182214209 |
| 593 | 1042100 | 1143110 | 2236594 | 1400803 | 1507511 | 973916 | 1646299 | 965900 | 1018163 | 1436344 | 1388291 | 5213873 | 4168442 | 5000528 |
| 69563 | 1947279 | 1523872 | 2951144 | 3273761 | 4481672 | 3372242 | 6940786 | 6743757 | 21047175 | 13060275 | 7531694 | 13943178 | 15894414 | 21154455 |
| 714 | 150216346 | 105694190 | 95573494 | 135174676 | 302758142 | 318993277 | 314327447 | 311124780 | 269115444 | 422223513 | 648118058 | 522194067 | 792186148 | 1484507000 |
| 718 | 147757952 | 49342217 | 129283762 | 147123573 | 103832743 | 139540295 | 197957082 | 563471704 | 1040925406 | 725974099 | 845846759 | 1197641374 | 846255081 | 954279953 |
| 752 | 468885401 | 697403737 | 831544461 | 1050558988 | 964721716 | 1135129114 | 1821250842 | 3253327570 | 4516388184 | 4980964249 | 6733327029 | 11411206607 | 14456089201 | 18022981537 |
| 75997 | 515645784 | 645007023 | 913707406 | 1352439004 | 1912365677 | 2728579732 | 3478314691 | 3714767376 | 5366845742 | 6625626226 | 9195323502 | 11478397832 | 13752597136 | 15681705191 |
| 764 | 3083507436 | 4850378510 | 5960874694 | 6897635605 | 5415719135 | 5716461672 | 7625250370 | 9117014724 | 12230762843 | 13121336226 | 13893348491 | 18536770113 | 23185691376 | 27481148092 |
| 774 | 254498812 | 258287165 | 226385551 | 285215367 | 329556171 | 264686703 | 332748513 | 501429346 | 683075055 | 1048321884 | 942164335 | 1257048634 | 1486714549 | 1763516539 |
| 7764 | 832851103 | 1117420584 | 1544400424 | 2190964437 | 2605099360 | 3482125600 | 4602653993 | 7532969250 | 13300038536 | 16591355785 | 25644072115 | 41108353758 | 61047196439 | 81555191795 |
| 7787 | 166875224 | 247640947 | 314597828 | 411589183 | 449086802 | 398456565 | 331954634 | 387242722 | 517058922 | 712376835 | 834397419 | 1172899119 | 2157193009 | 1727106572 |
| 792 | 2033539396 | 2269763991 | 3397005214 | 1359464942 | 2648545428 | 3234257518 | 3174145684 | 3174373590 | 2169972264 | 4542722474 | 4051120453 | 2312126608 | 4989641225 | 6561195103 |
| 79329 | 6837114 | 12910354 | 11065797 | 2633646 | 26966698 | 8984129 | 6520714 | 4036227 | 4292659 | 355402400 | 5610772 | 6877840 | 20516386 | 8280447 |
| 871 | 41593413 | 63121897 | 58501636 | 80171331 | 145154547 | 230194459 | 286396019 | 446915190 | 1011566766 | 1564808587 | 4666035311 | 12860283330 | 23438418622 | 30884552193 |
| 8741 | 137543745 | 106979739 | 112932286 | 164095194 | 75978843 | 124636655 | 130374789 | 172564893 | 163331052 | 186737977 | 243240337 | 328958899 | 400094150 | 460605618 |
| 8744 | 167614696 | 192073085 | 197969315 | 267837733 | 238986459 | 211055323 | 236402319 | 357563973 | 490975489 | 665698468 | 818726918 | 1186198726 | 1439610830 | 1535202233 |
| 8747 | 174998190 | 209322210 | 207174704 | 228758636 | 282756054 | 224420871 | 300961929 | 447420688 | 737737787 | 859676525 | 950774196 | 1220279397 | 1759980328 | 1775781740 |
| 891 Less 89113 | 1445176 | 11655707 | 677844 | 1175427 | 2012444 | 4710578 | 8676946 | 1308485 | 3816423 | 6272032 | 4032765 | 2602727 | 2819949 | 2821322 |
| Σ | 8588264091 | 11146395197 | 14366147675 | 14928674590 | 15767580566 | 18539942611 | 23385168406 | 30518751079 | 43023529515 | 53078386010 | 70236597755 | 105371036463 | 150648142276 | 190904396620 |
| % | - | 29.79 | 28.89 | 3.92 | 5.62 | 17.58 | 26.13 | 30.51 | 40.97 | 23.37 | 32.33 | 50.02 | 42.97 | 26.72 |

<http://comtrade.un.org>, Last visited: May 7, 2007 :

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| SITC code | Designation of high technology products |
|----------------------------|--|
| 29249 | Other plants and parts of plants (including seeds and fruits) of a kind u |
| 29299 | Vegetable materials and vegetable products, n.e.s.) |
| 5169 | Organic chemicals, nes |
| 525 | Radio-Active Materials |
| 5413 | Antibiotics,excpt grp542 |
| 5415 | Hormones,etc.excp.grp542 |
| 5416 | Glycosides; glands etc. |
| 5419 Less 54191 | Pharm.goods,exc.medcmnts |
| 591 | Insecticides, ETC |
| 593 | Explosives,Pyrotechnics |
| 69563 | Rock-drilling or earth-boring tools |
| 714 | Engines,Motors Non-Elect |
| 718 | Oth.Powr.Genrtng.Machnry |
| 752 | Automatc.Data Proc.Equip |
| 75997 | Parts and accessories for the machines of group 752 (other than covers, c) |
| 764 | Telecomm.Equip.Parts nes |
| 774 | Electro-Medcl,Xray Equip |
| 7764 | Electronic microcircuits |
| 7787 | Elec mch wth indiv funct |
| 792 | Aircraft,Assoctd.Equipnt |
| 79329 | Other vessels (including warships and lifeboats other than rowing-boats) |
| 871 | Optical Instruments,nes |
| 8741 | Compasses,survey instrmt |
| 8744 | Instruments,analysis etc |
| 8747 | Oscilloscopes, etc. |
| 891 Less 89113 | Arms and Ammunition |

Source: www.hwva.de/wmatrix/technical_description.html , Last Visited: April 16, 2007.



Judicial enforcement of IPRs

- AQSIQ – Administration of Quality Supervision, Inspection and Quarantine
- NCA – National Copyright Agency
- MOFCOM – Ministry of Commerce
- MOFST Ministry of Science and Technology
- SAIC – State Administration of Industry and Commerce
- SIPO – State Intellectual Property Office

Source: Henry Beck and Xichun (Catherine) Pan, **Licensing and Technology Transfer to China: a Roadmap**, January 30, 2006, p.14., media.wiley.com/product_data/expert/75/04717406/0471740675.pdf, Last Visited: May 12, 2007.

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2005-1985

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| 2005 | 2004 | 2003 | 2002 | 2001 | 2000 | 1999 | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | |
|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|
| 58.30 | 57.07 | 54.84 | 52 | 50.06 | 4793 | 45.47 | 44.07 | 40.98 | 40.72 | 31.51 | 28.68 | 27.51 | 20.44 | 17.12 | 12.59 | 9.35 | 5.26 | 3.04 | 1.62 | 1.1 | |
| 58.71 | 57.81 | 56.17 | 55 | 51.67 | 52.10 | 51.83 | 54.70 | 54.59 | 54.46 | 47.66 | 45.78 | 40.24 | 26.23 | 26.56 | 23.09 | 14.88 | 10.67 | 7.87 | 6.06 | 4.97 | |

Source: Dic Lo, China as a 'Model' of Utilizing Foreign Capital for Economic Development: Perceptions, Observations and Interpretations (November2006), p.13., www.networkideas.org/feathm/nov2006/PDF/China_Model.pdf, Last visited: May 30, 2007.

