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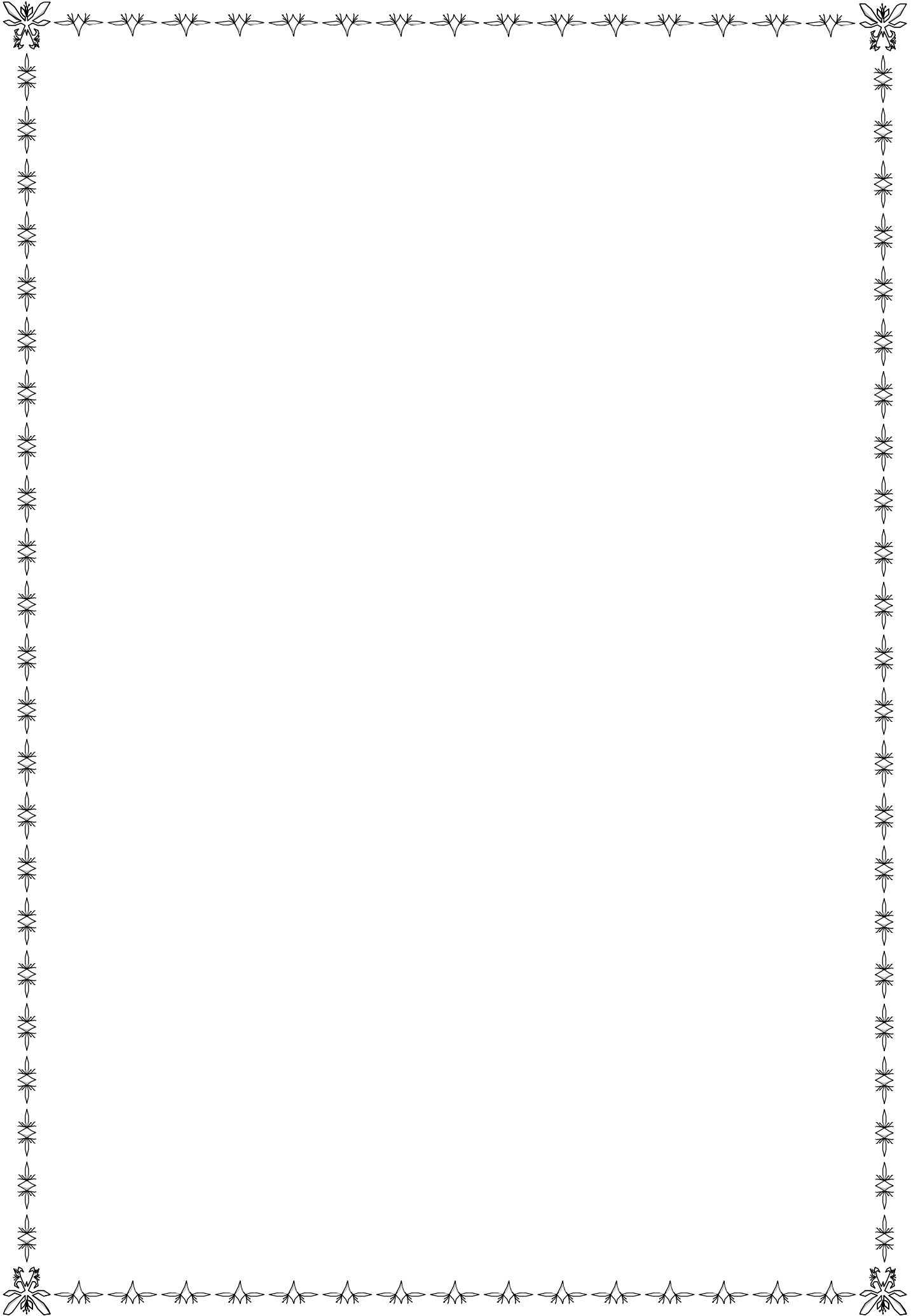
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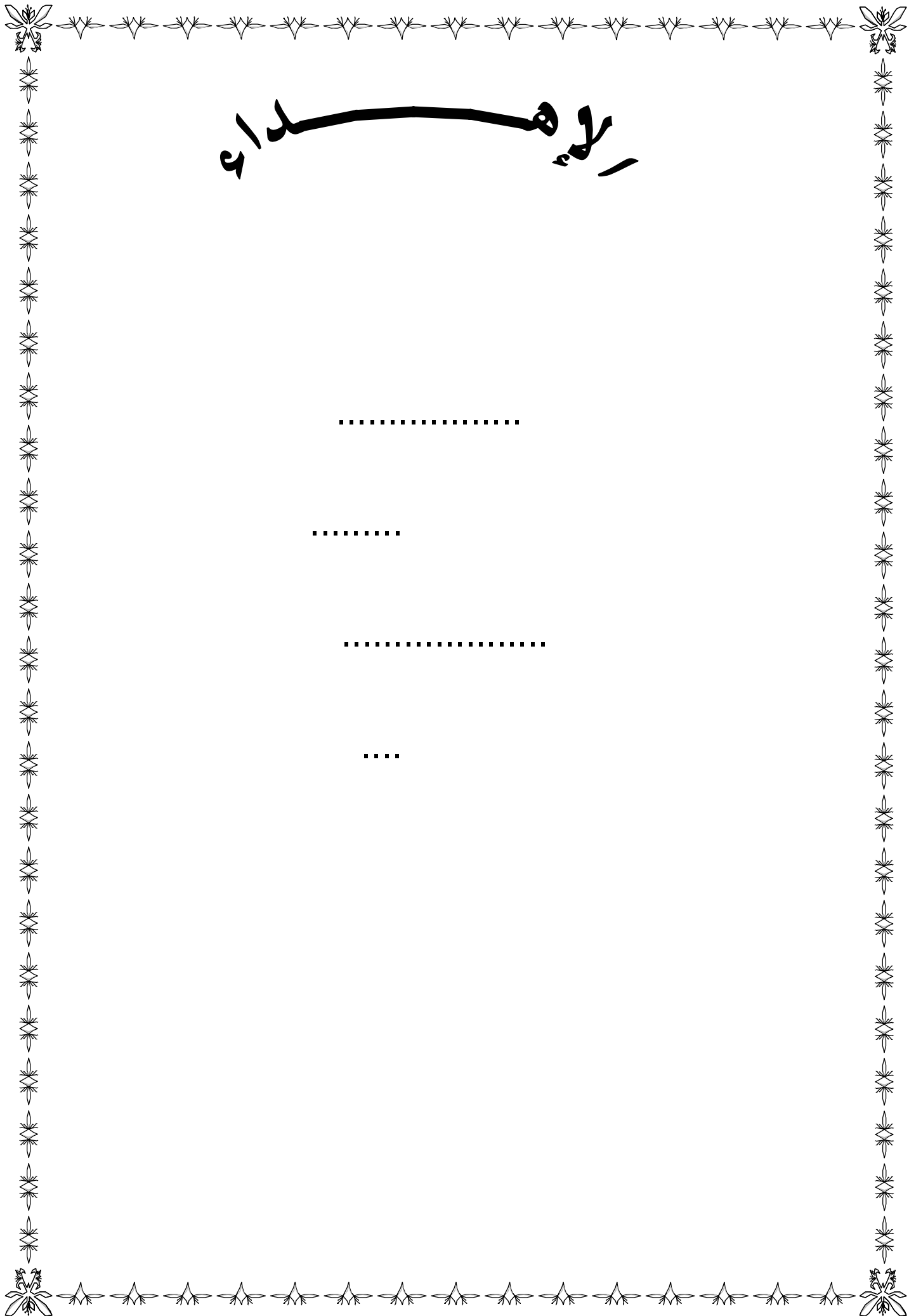
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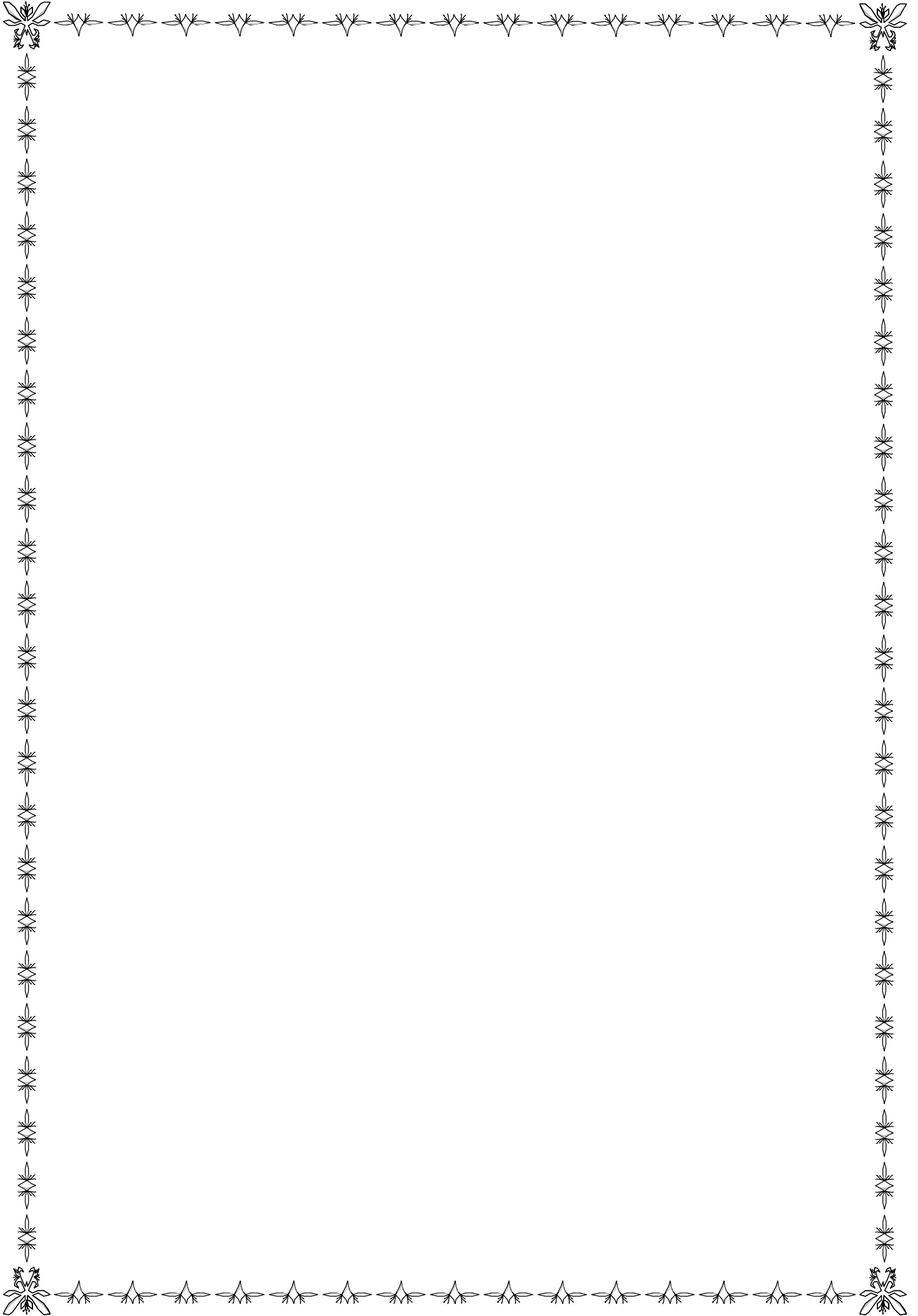
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Chen Chunlai, **Provincial Characteristics and Foreign Direct Investment Location Decision Within China**, Chinese Economies Research Centre Working Papers, Paper N°97/16 (Adelaide, Australia: School of Economics, the University of Adelaide, December 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: Earnst & Young, 2003), p.70.

². United Nation Conference on Trade and Development, **UNCTAD Handbook of Statistics** (Geneva: United Nations, 2005), p.xi.

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SITC 3

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

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

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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

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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.

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²Thomas Hatzichronoglou

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SITC

Hamburg Institute of International Economics

SITC

High Technology

Medium Technology Products

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Products

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. BEC, HS2002, HS1996, SITC Revision3 :

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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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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.

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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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Thunderbird

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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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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*) () .5

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

"Suisse" .³

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Bordeaux " Bordeaux" .⁴

"Tequila" "Havane" "Habana"

.404. :

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

.404. .⁵

⁶. *Treaty on Intellectual Property in Respect of Integrated Circuits*.

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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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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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ICTSD: International Center for Trade and Sustainable Development.

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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². Commission on Intellectual Property Rights (February 2003), Op. Cit., P.18.

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⁵. Ibid., p.35.

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

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Ibid., p.36.

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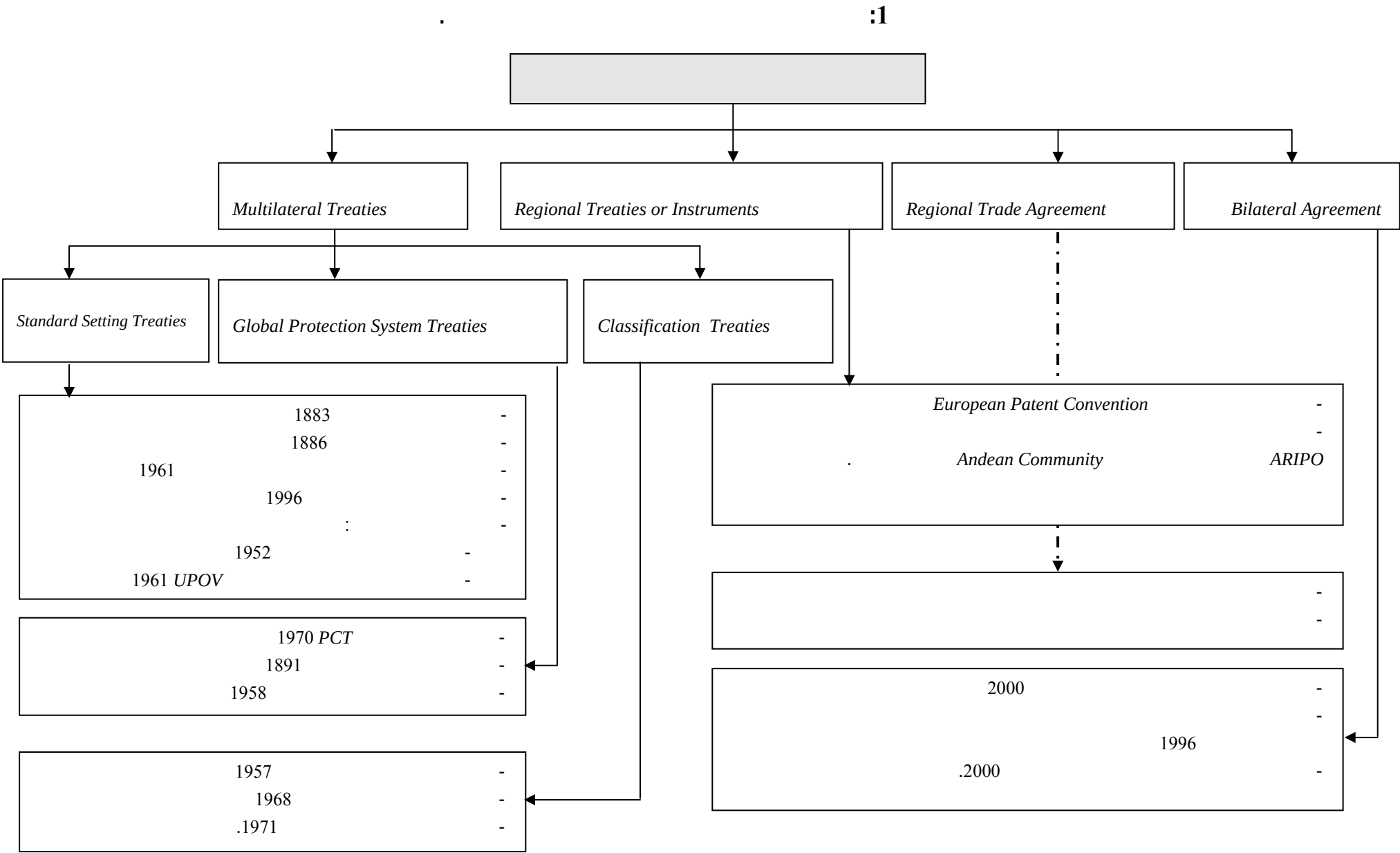
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². Ibid., p.351.

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⁴. Commission on Intellectual Property Rights (February 2003), Op. Cit., P.163.

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OMPI, Publication N° 450 (F), Op. Cit., p.6. :	.INTEL Microprocessor	.
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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

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*Design Ltd**OMK Design Ltd*

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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.

.14 -13. . 900 (A) .³

⁴. 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
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². "Valuation of Intellectual Property: What, Why and How", **WIPO Magazine** (Geneva: WIPO, September- October 2003), p.5.

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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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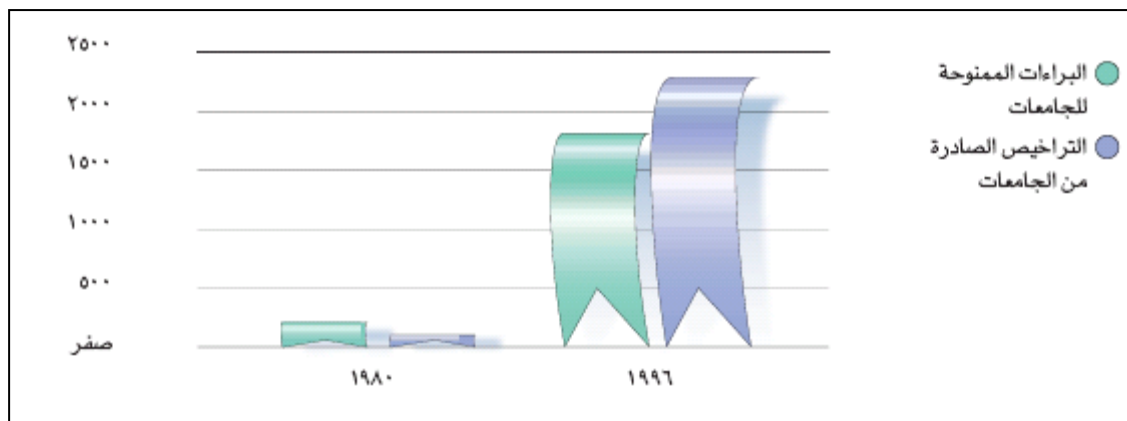
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"Il est donc difficile de déterminer avec précision le rôle de la loi Bayh-Dole dans l'expansion des brevets et, ce qui est plus important, de savoir si son adoption a réellement fait une différence en termes de croissance du transfert de technologie 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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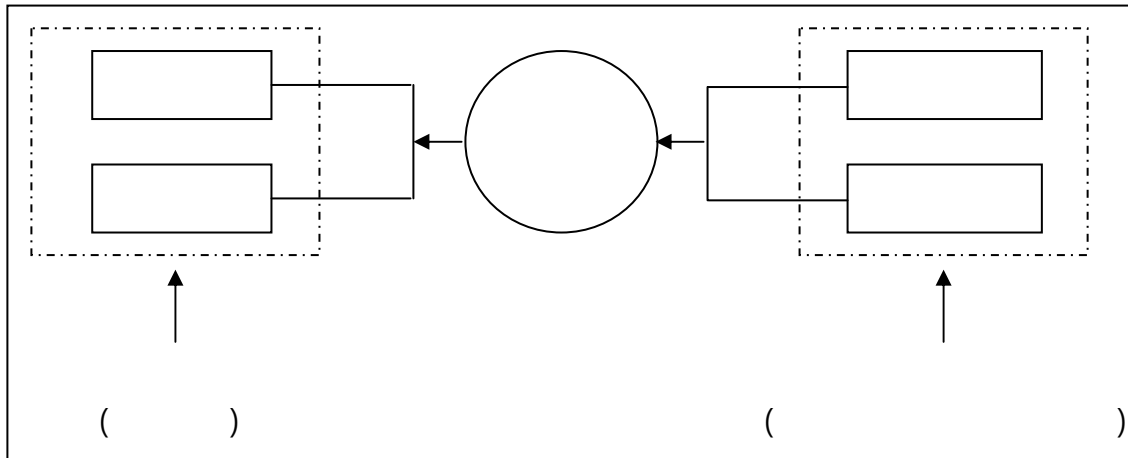
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www.sudanlaw.org/index.php?tp=6&id=29, Last Visited: October 31, 2004.

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1. *Exporting Contracts* ()

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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.

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

⁵. Ibid., p.406.

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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. .

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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.

³. 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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²B. 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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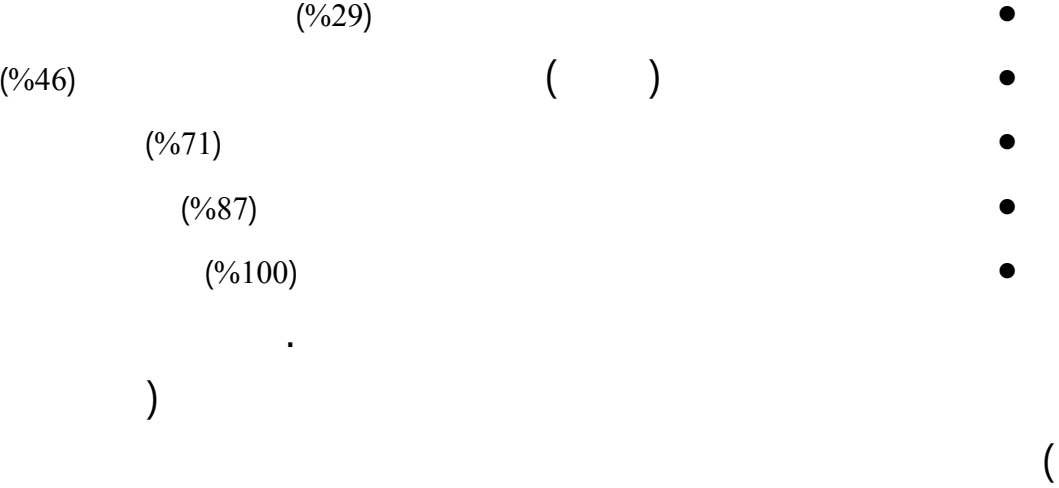
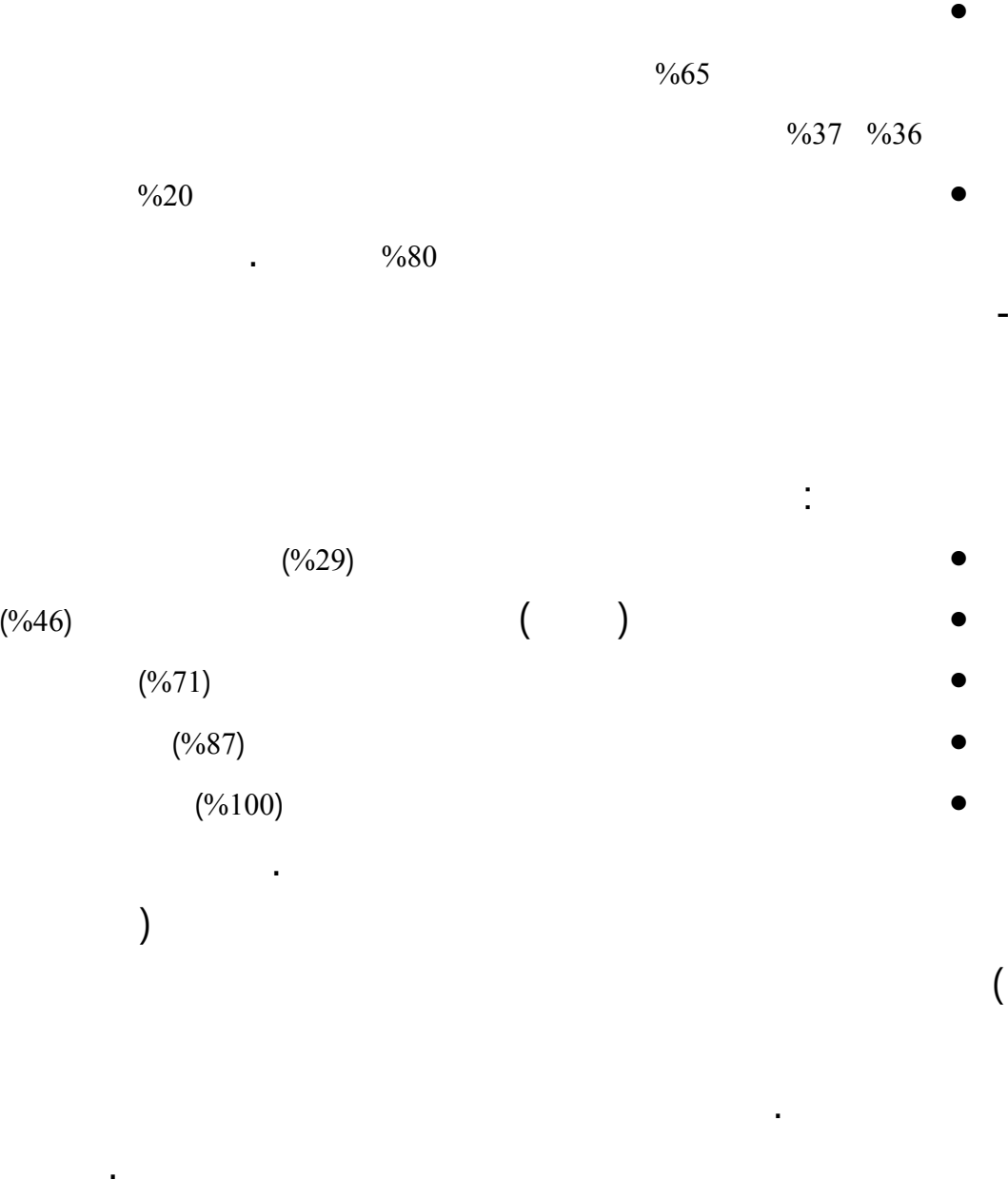
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2. Edwin Mansfield, **Intellectual Property Protection, Foreign Direct Investment, and Technology Transfer**, Discussion Paper N°19 (Washington, D.C.: The World Bank and International Finance Corporation IFC, February 1994), p.1.



¹Edwin 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. *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.

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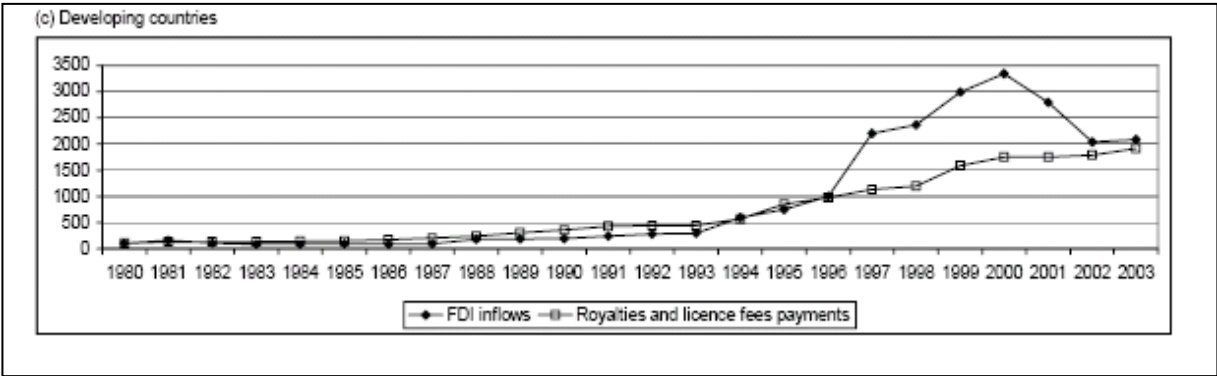
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Source: Edwin Mansfield, **Intellectual Property Protection, Foreign Direct Investment, and Technology Transfer**, Discussion Paper N°19 (Washington, D.C.: The World Bank and International Finance Corporation IFC, February 1994), p.8. (Adapted)

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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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Walter G. Park

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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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.

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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.

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

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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.

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¹ M. P. Zuniga E .Bascavusoglu

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⁴ Thitima Puttitanun ³ Michael Nicholson .

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⁵ .Nicholson

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¹ . E .Bascavusoglu & M. P. Zuniga, "Foreign Patent Rights, Technology and Disembodied Knowledge Transfer Cross Borders: An Empirical Application", Unpublished Manuscript, University of Paris I (2002).

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⁶ . Beata K. Smarzynska, **Composition of Foreign Direct Investment and Protection of Intellectual Property Rights: Evidence from Transition Economies**, Policy Research Working Paper N°2786 (Washington D.C.: The World Bank, February 2002), p.12.

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Genetically Modified Organism²

³Primo Braga Carlos A. Carsten Fink

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28	39	0	12	24	40	50	
21	27	0	12	21	20	47	
18	14	0	12	38	20	21	
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	
26	22	40	12	28	20	31	
3	13	0	0	7	0	0	
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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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	▪ 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.	▪ Local protectionism. ▪ Penalties usually non- deterrent, non transparent. ▪ Difficult to transfer to criminal prosecution. ▪ Limited geographic jurisdiction. ▪ Damages for injured party not likely available. ▪ Lack of co-ordination among enforcement bodies.
Civil enforcement	▪ Specialised judiciary that may be trained in IPR. ▪ Availability of damages and injunctive remedies. ▪ Rights of appeal. ▪ Nationwide jurisdiction.	▪ High cost. ▪ Low damage awards.
Criminal enforcement	▪ Can be brought by police/prosecutors and injured party. ▪ Deterrent damages possible (fine and imprisonment). ▪ Possibility of civil damages in addition to criminal punishment.	▪ High thresholds. ▪ Not all IP infringement are criminalised. ▪ May be a problem in having administrative cases referred to criminal prosecution.
Customs enforcement	▪ Available for import export, stops goods in transit. ▪ Expensive. ▪ Stops the harm caused by export of counterfeit goods.	▪ 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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37	26	14	14	21	57	5	27	16	8	
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Statistics for China Customs IPR Seizures (1996-2005),
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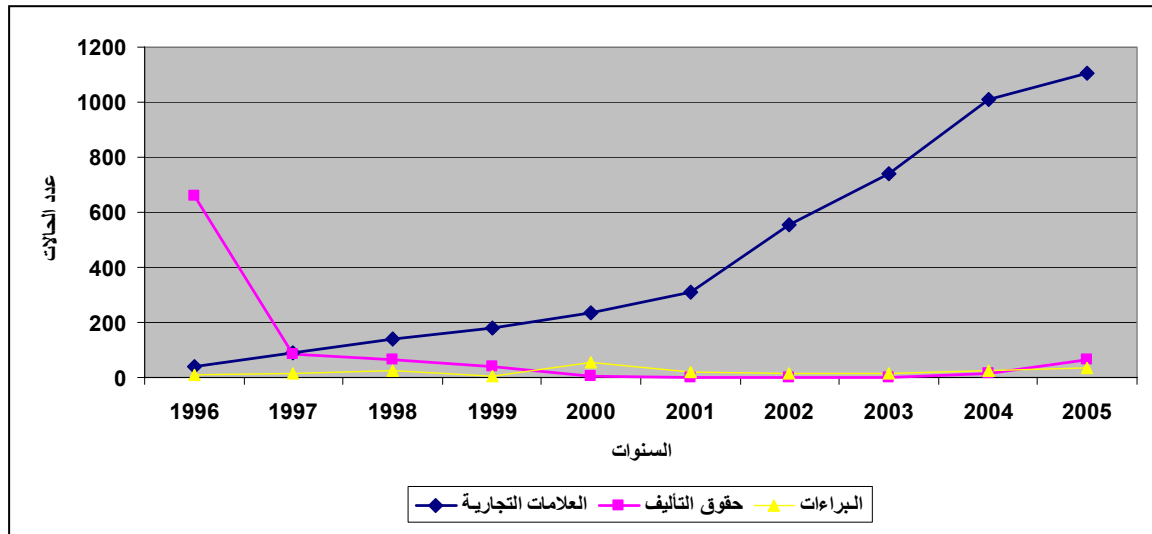
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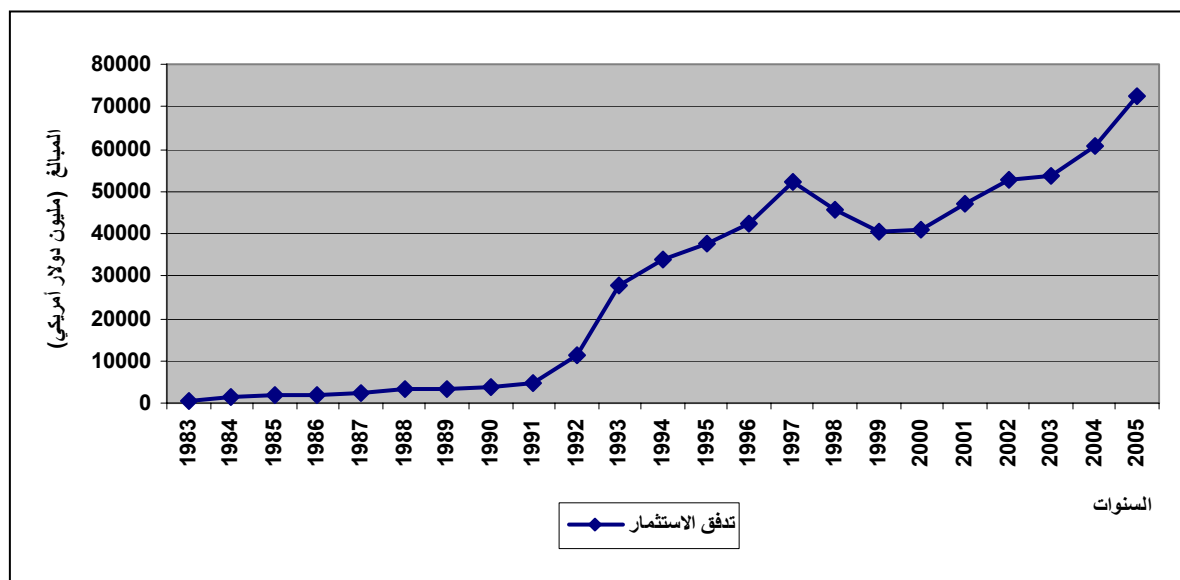
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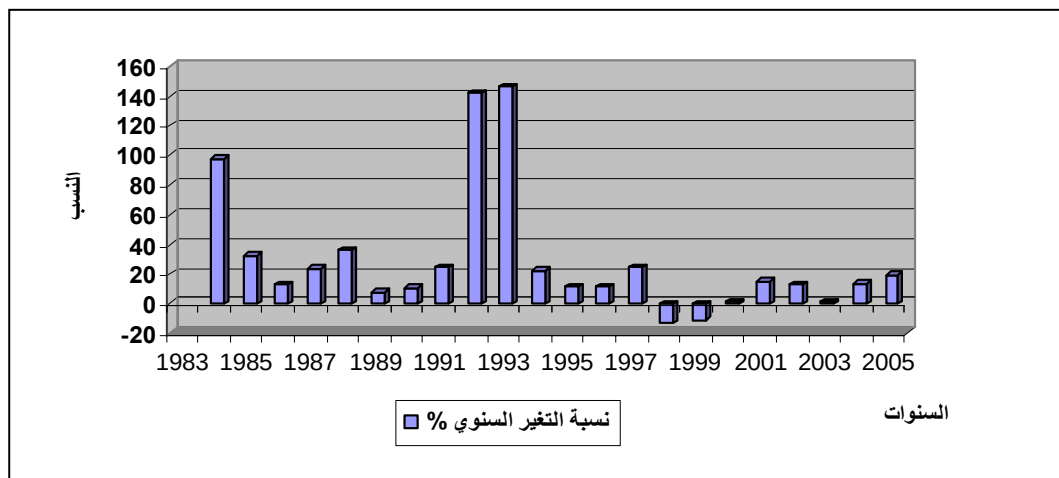
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Jiangsu, Liaoning, Shanghai, Guangdong, Shandong	0.079	2.73	75	-	4.01	110	3.984	93.26	2560	3.451	76.76	2107	2745	
Guangdong, Tianjin, Jiangsu, Shandong, Liaoning	0.145	4.98	74	433	8.28	123	3.132	86.74	1289	2.766	69.85	1038	1486	
Guangdong, Tianjin, 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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Others	WFOE	CJV	EJV	
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
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Fung; Lau; Lee, Op.Cit., p.49. :2003 1994-1986

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

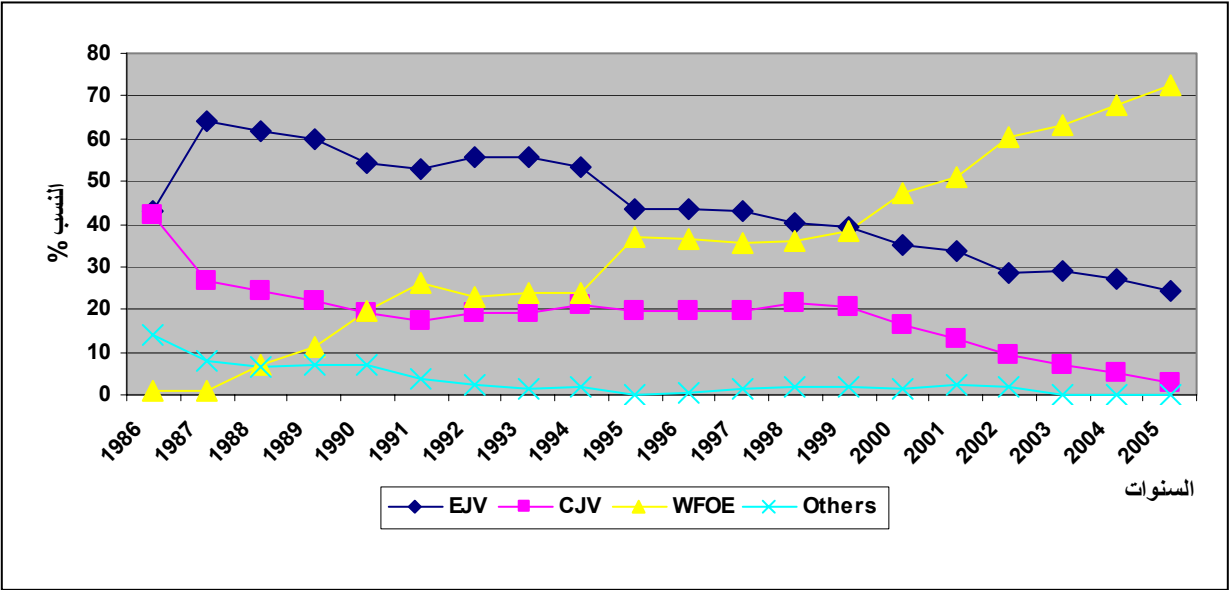
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www.fdi.gov.cn/pub/FDI_EN/Statistics/t20070517_78544.htm, Last Visited: June 8, 2007.

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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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

³.

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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.

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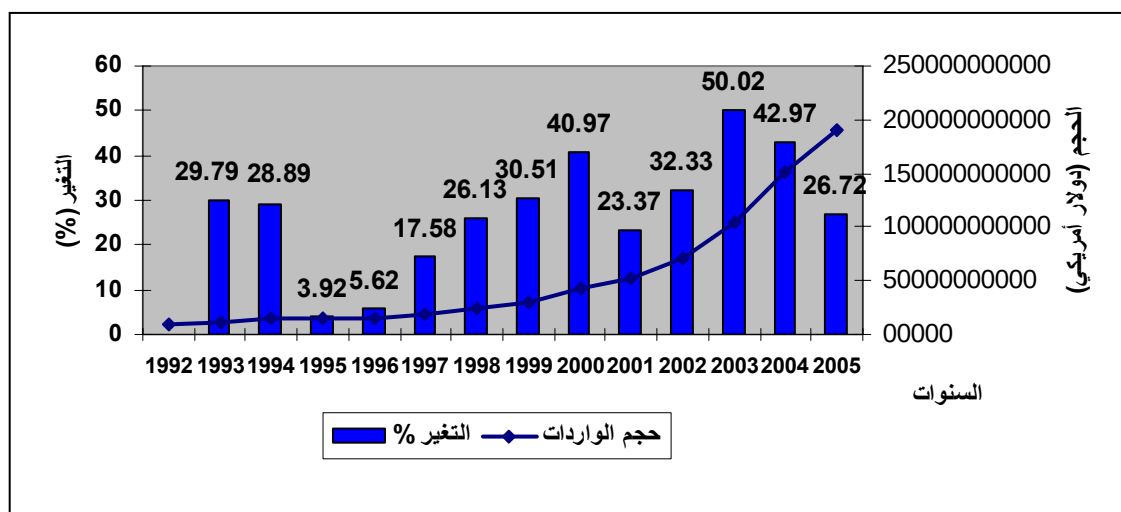
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¹. Greeven, Op. Cit., p.15.

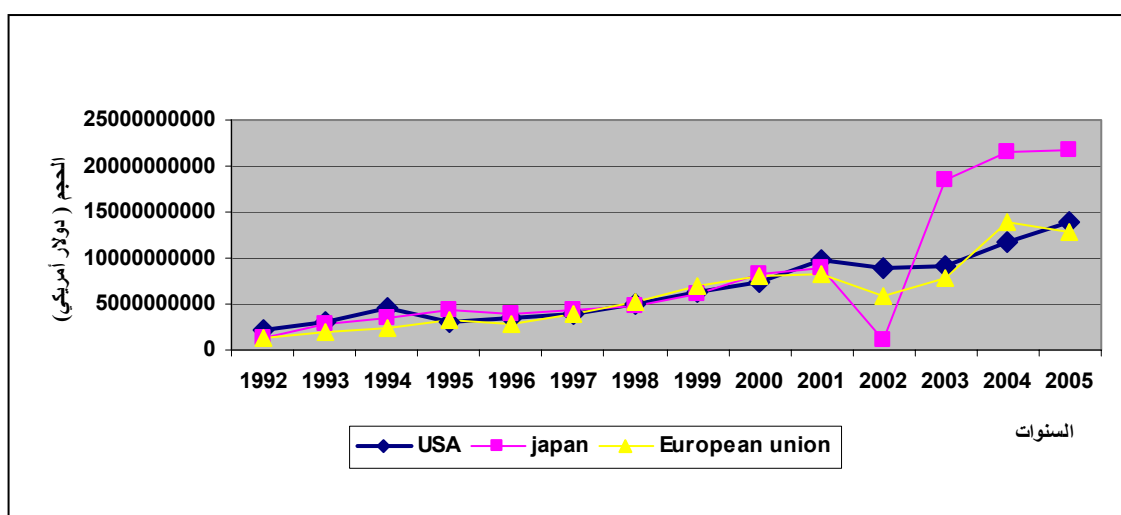
². Henry, OP. Cit., p.p.22-23.

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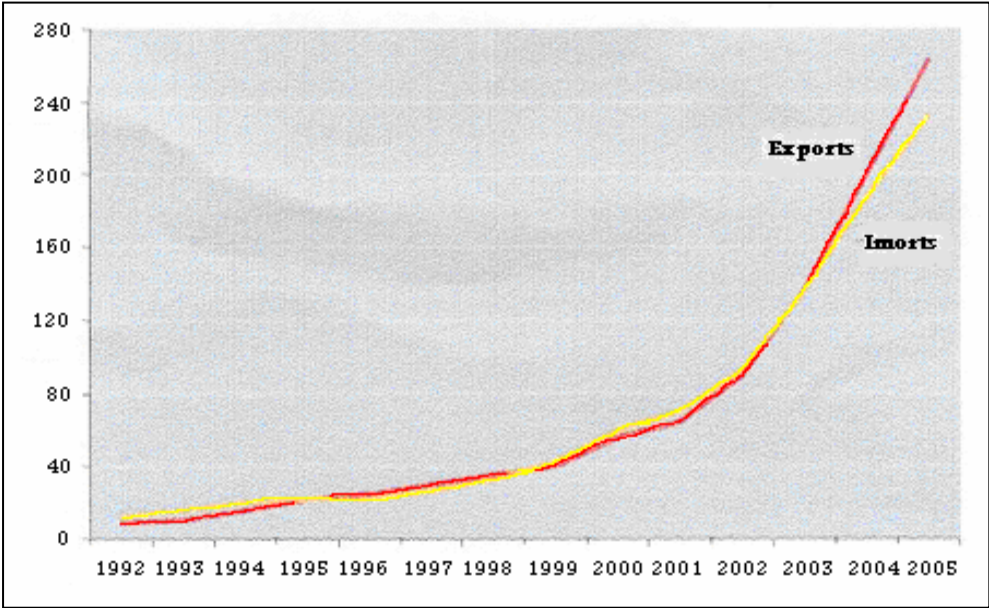
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%11 %15.8 1996 1995
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Source: Frédérique Sachwald, "China, High or Low Tech Power ? The Contrasted Picture of China Scientific and Technological Capabilities", Tokyo Club Macro Conference (Tokyo, 6-7 December 2006), p.8., www.tcf.or.jp/data/2006120607_Frederique_Sachwald.pdf, Last Visited: May 31, 2007.

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². Ibid., p.16.
³. La Croix & Konan, Op. Cit., p.39.

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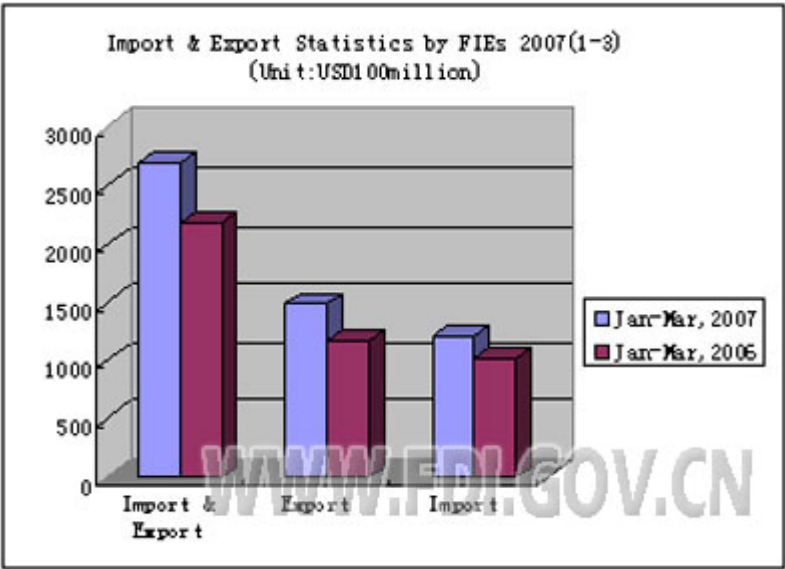
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Source: www.fdi.gov.cn/pub/FDI_EN/Statistics/t20070430_77871.htm, Last Visited: June 1, 2007.

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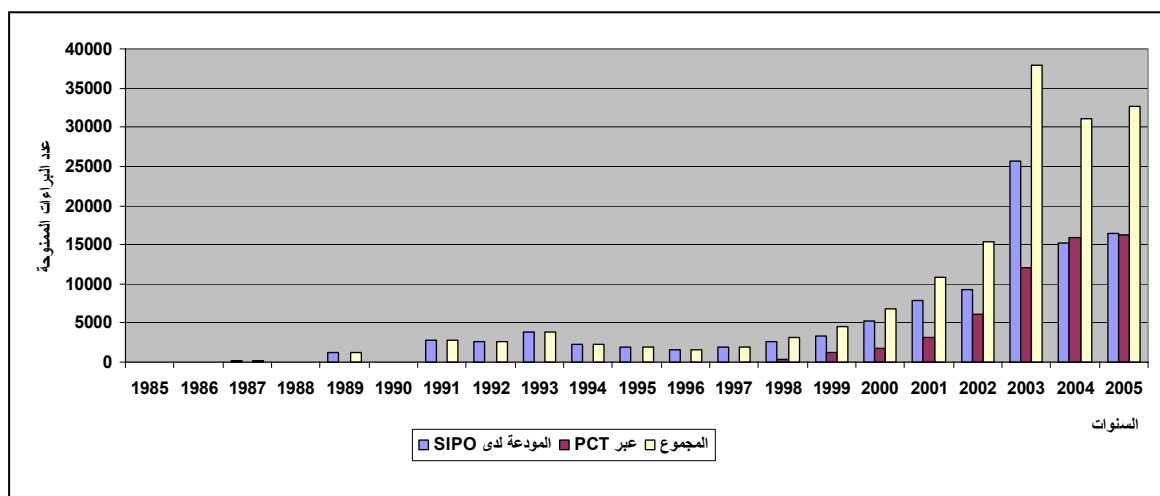
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¹. Patent-related products: SITC 512, 541, 583, 728, 736, 751, 752, 774, 7764 and SITC 7764; Copyright related products: SITC 8921 SITC 8983; Trade mark-related products: SITC 112, 553, 556, 784, 821, 831, 84, 8851 and SITC 8942. See: John Revesz,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

². Ibid., p.59.

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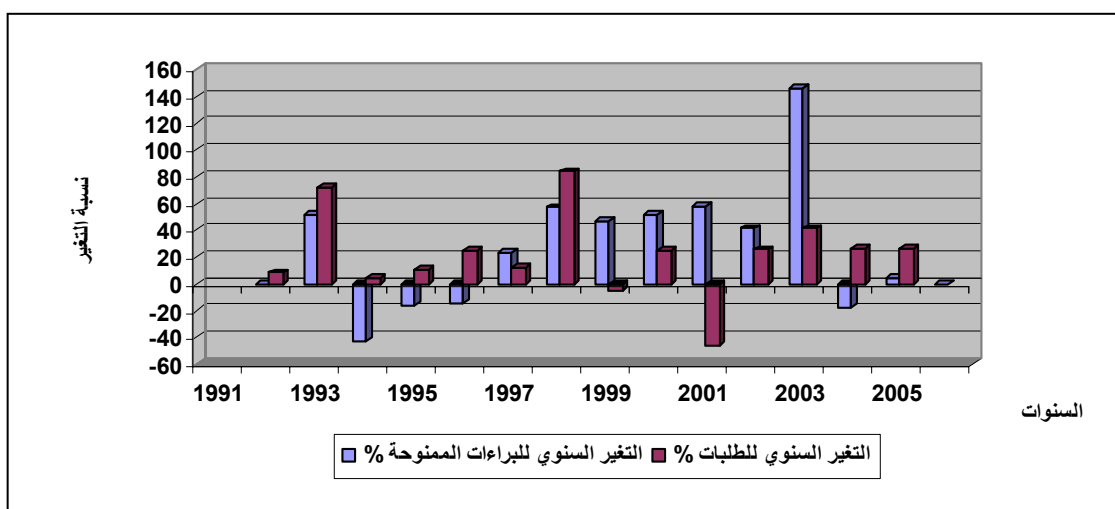
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¹. **WIPO Patent Report, Statistics on Worldwide Patent Activity, 2006** (Geneva: WIPO, 2006), p.p.9-10. and p.32.
². Lipu, Op. Cit., p.62.

%30.64

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	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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.2003-1998

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2003	2002	2001	2000	1999	1998	
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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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://mpa.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.

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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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¹:2004-2000

2004	2003	2002	2001	2000	
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.

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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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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.

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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.

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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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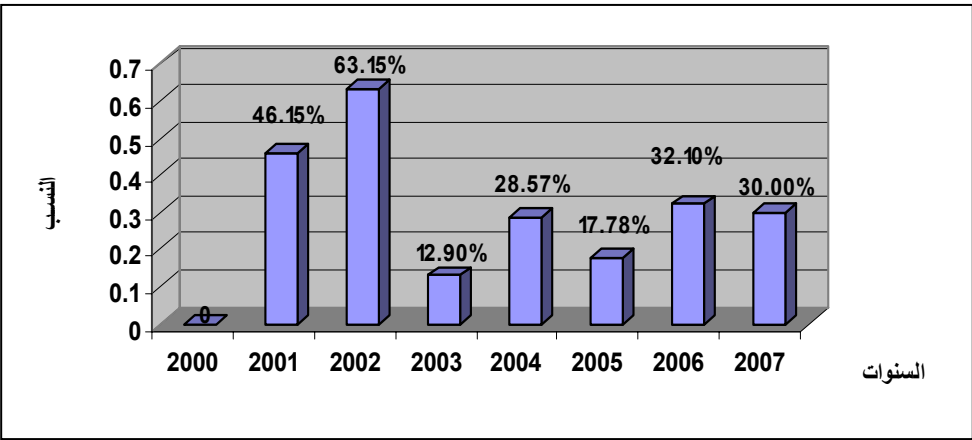
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www.safe.gov.cn/model_safe_en/tjsj_en/pic/20060927150154112.pdf, Last Visited: April 5, 2007.

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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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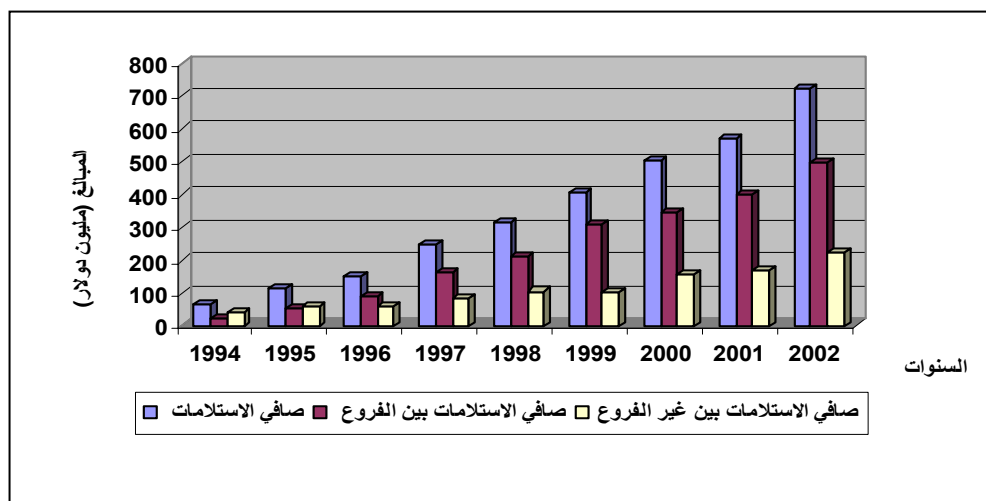
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www.intven.com/docs/EconomistPatentSurvey.pdf, Last visited: February 1, 2007.

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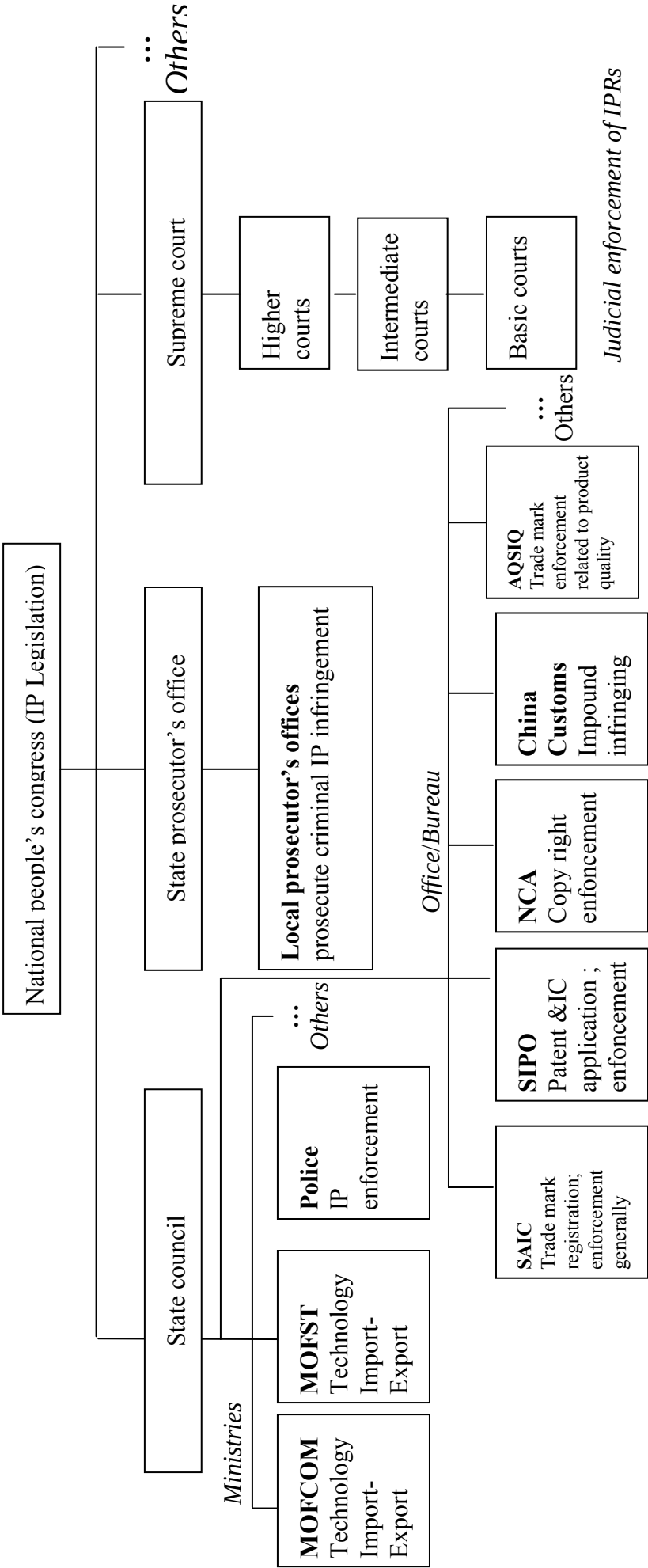
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591	203650464	122355226	137210451	159742965	137547291	165709943	185993722	242575381	192226648	165024542	136088015	133985504	146802934	182214209
593	1042100	1143110	2236594	1400803	1507511	973916	1646299	965900	1018163	1436344	1388291	5213873	4168442	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	913077406	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 :

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.hwwa.de/wmatrix/technical_description.html , Last Visited: April 16, 2007.



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.

