

INTELLECTUAL PROPERTY RIGHTS QUESTIONNAIRE

UNITED STATES INTERNATIONAL TRADE COMMISSION Attention: IPR Project Team Office of Industries, Room 511 500 E Street, SW, Washington, DC 20436 FAX: 202-205-2217

The U.S. International Trade Commission (USITC) has been asked, by the United States Senate Committee on Finance (SFC), to estimate the size and scope of intellectual property right (IPR) infringement in China and the effects of Chinese indigenous innovation policies as they relate to the U.S. economy and jobs. This questionnaire has been designed to collect information to fulfill this request. More information about this report and the investigation under which it is being prepared (No. 332-519) can be found on the following Web site:

http://www.usitc.gov/research_and_analysis/What_We_Are_Working_On.htm

PURPOSE AND CONFIDENTIALITY

According to the letter from the Senate Committee on Finance requesting the report in this matter, "the U.S. government has not conducted a comprehensive economic analysis of the effects of China's ineffective IPR protection and enforcement on the U.S. economy and U.S. jobs." By completing this questionnaire, your firm will provide valuable information that will help the Commission estimate the effects of Chinese IPR infringement (and indigenous innovation policies) on the U.S. economy and employment.

The Commission has designated as "confidential business information" the information you provide in response to this questionnaire to the extent that such information would reveal the operations of your firm and is not otherwise available to the public. The Commission will not disclose such confidential business information unless required by law. Information received in response to this questionnaire will be aggregated with information from other questionnaire responses and will not be published in a manner that would reveal the operations of your firm. The Senate Committee on Finance has asked the Commission to provide a non-confidential (public) report to the Committee.

The USITC will report its findings to the SFC on May 2, 2011, and the SFC has indicated it intends to make this report available to the public.

YOU ARE REQUIRED BY LAW TO RESPOND TO THIS QUESTIONNAIRE. MANY RESPONDENTS WILL NOT NED TO COMPLETE ALL SECTIONS. PLEASE READ ALL INSTRUCTIONS AND RETURN COMPLETED QUESTIONNAIRE TO THE USITC NO LATER THAN OCTOBER XX, 2010.

The information is requested under the authority of section 332(g) of the Tariff Act of 1930 (19 U.S.C. § 1332(g)). Completing the questionnaire is mandatory, and failure to reply as directed can result in a subpoena or other order to compel the submission of records or information in your possession (19 U.S.C. § 1333(a)). Further information on this questionnaire can be obtained from:

Alexander Hammer (202-205-3271; *alexander.hammer@usitc.gov*) Jeremy Wise (202-205-3190; *jeremy.wise@usitc.gov*)

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FIRM INFORMATION

Firm name	
Address	
City	State Zip code
Web site address	
5	hartered in the United States, or is it an U.S. affiliate of a firm headquartered states? If either of these conditions apply, please select "yes" below and read the ns and definitions.
	Complete all parts of the questionnaire that apply to your firm. Then, sign the certification, and return the entire questionnaire to the USITC (see submission instructions on page 5) no later than October 12, 2010.
	Sign the certificate below, and promptly return this page and the cover page to the USITC at the address or fax number on the cover page.

CERTIFICATION

The undersigned certifies that the information supplied herein in response to this questionnaire is complete and correct to the best of his/her knowledge and belief and understands that the information submitted is subject to audit and verification by the USITC.

Section 332(g) of the Tariff Act of 1930 (19 U.S.C. 1332(g)) provides that the Commission may not release information which it considers to be confidential business information unless the party submitting such information had notice, at the time of submission, that such information would be released by the Commission, or such party subsequently consents to the release of the information. The undersigned acknowledges that information submitted in this questionnaire response and throughout this investigation may be used by the USITC, its employees, and contract personnel who are acting in the capacity of USITC employees, for the purposes of developing or maintaining the records of this investigation or related proceedings for which this information is submitted, or in internal audits and in investigations relating to the programs and operations of the USITC pursuant to 5 U.S.C. Appendix 3. The undersigned understands that all contract personnel will sign nondisclosure agreements.

Date (MM/DD/YY)

Telephone (xxx-xxx-xxxx)

Fax (xxx-xxx-xxxx)

Signature of authorized official*

*If submitting an electronic version of this certificate to the USITC, check this box in lieu of a written signature to indicate that the authorized official listed has certified the information provided.

INSTRUCTIONS

- 1. **Type of firm that should complete this.** This questionnaire is intended for firms that have any type of operations or activities in the United States. This includes both firms that are headquartered in the United States and those that are U.S. affiliates of companies that are headquartered outside the United States. Firms that fit this profile but have not experienced any IPR infringement from Chinese entities or who do not have concerns about China's indigenous innovation policies (see definition, page 6) will only have to complete sections 1 and 10.
- 2. **Coordinated response.** If responsibility for completing this questionnaire is shared among separate persons or departments within your firm, please ensure that the response has been coordinated so that the information provided is internally consistent. In the USITC's experience with past questionnaires, this will minimize the need for call backs.
- 3. **Relationship to corporate structure.** Independent individual business units, wholly-owned affiliates, majority-owned affiliates, and joint ventures associated with your firm should all provide separate questionnaire responses, but there should be no double counting.

If this is not possible, or unreasonably burdensome, then your firm may provide a consolidated response.

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4. Questionnaire structure. This questionnaire is composed of 10 sections, as shown below.

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- 5. What sections and questions to complete. Each section of the questionnaire consolidates a group of related questions. All sections may not apply to your firm's activities. Consequently, firms may not need to fill out all sections. For example, firms that do not have concerns regarding IPR infringement of their products from Chinese entities should only fill out sections 1 and 10. Also, firms may have IPR infringement concerns from China that are limited to only one or two types of infringement (e.g., copyright and patents). In that case, firms must complete the section that corresponds to the type of IPR infringement concern that they have. Please also note that not all questions in a section apply to every firm. Unless otherwise instructed, leave these response areas blank.
- 6. **Making reasonable estimates and allocations.** If the information requested is not readily available from your records, reasonable estimates are acceptable. Many questions ask for separate information on all of your firm's activities, as well as your IPR-related activities. If your records do not separate information for these IPR types, then please provide reasonable estimates to make your allocations, but **do not double count**. If infringing products or services cover more than one type of IP (e.g. trademarks and copyrights), please allocate your firm's losses appropriately without double-counting.
- 7. **The format of U.S. dollar estimates**. All dollar figures refer to U.S. dollars and should be provided in units of actual dollars (not in units of thousands, millions, billions, etc.) unless otherwise specified. Moreover, they should reflect current year dollars, not those corrected for inflation.
- 8. **The format of employment estimates**. All employee figures should refer to full-time equivalents (FTEs). See definition section.
- 9. **Annual data basis.** All annual data should be provided on a calendar year basis. If conversion from a fiscal year basis is necessary, reasonable estimates are acceptable.
- 10. **Comments.** Space has been provided at the end of the questionnaire (section 10) for additional information and/or comments. Include any other information you feel is relevant to the USITC's investigation in this section.
- 11. Keep a copy of your submission for your records.

Note on Burden to Your Firm

The USITC has designed this questionnaire to minimize response burden. Your firm may not have to answer all the sections and/or questions if they do not apply. This questionnaire was reviewed by industry participants to ensure that data requests are sufficient, meaningful, and as limited as possible. Public reporting burden for this questionnaire is estimated to average 40 hours per response. Send comments regarding the accuracy of this burden estimate or any other aspect of this questionnaire, including suggestions for reducing the burden, to the address on the cover page.

COMPLETING AND SUBMITING QUESTIONAIRE

1. **Retrieving questionnaire.** Go to the following address using your web browser. Press the enter key and a dialogue box will appear. Use the "Save File" selection to place the questionnaire file on your computer.

http://www.usitc.gov/documents/ipr.doc

2. Access File. Open the questionnaire file. This file is a Microsoft Word 2003 form-fillable file. It may be opened and completed with later versions of MS Word. Contact a project leader if this file is incompatible with your firm's computer operating system or version of MS Word.

<u>Note:</u> The form-fillable file was designed to ease completion of the questionnaire and minimize the need for the project team to contact firms for clarifications. But printing the questionnaire and preparing a handwritten response is acceptable.

- 3. Enter Information. Enter requested information in the gray boxes for each question that applies to your firm. Boxes will expand to accommodate responses. You will not be able to alter the questionnaire or enter information outside the boxes. Certain boxes that require numeric information only will delete any text that is inputted into them. (Gray boxes do not appear on printed versions.)
- 4. **Submitting the questionnaire.** After completing the questionnaire, there are three submission options, as shown below. If submitting electronically, please keep the file as a Word document and do not convert it to another file format.

Option 1: *Transfer File to Secure Server*. Use the USITC's secure file upload Web site, found at:

https://dropbox.usitc.gov/

Complete the requested information in the form that appears.

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For the PIN entry box, type: XXXX
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Click on the "Next" button. On the second page, click on the "Browse" button, navigate to completed questionnaire file on your computer, click "Open" (file path and name will appear). Click "Submit."

Option 2: *E-mail.* Attach the electronic version to an e-mail message and send it to *jeremy.wise@usitc.gov.* Note that submitting the questionnaire response by e-mail will subject your firm's confidential business information (CBI) to transmission over an unsecured environment and to possible disclosure to third parties. Any risk of disclosure of CBI during transmission is assumed by your firm and not the USITC. However, once the e-mail is received, the questionnaire response will be stored in the USITC's secured environment and will receive safeguards detailed in the certification on page 2.

Option 3: *Mail.* Copy the questionnaire file to removable media such as a CD, and mail to the address below. Or print the questionnaire and mail to the address below.

UNITED STATES INTERNATIONAL TRADE COMMISSION Attention: China IPR Project Team Office of Industries, Room 511 500 E Street, SW, Washington, DC 20436

DEFINITIONS

- 1. **China and Chinese entities.** For the purposes of this study, China is what is commonly referred to as "mainland China," and excludes Hong Kong, Macao, and Taiwan. Chinese entities will refer to both Chinese firms (e.g. private, state-owned, collective, joint-ventures, affiliates) and government agencies.
- 2. **Confidential Business Information.** In section 201.6(a) of its Rules of Practice and Procedure (19 CFR 201.6(a)), the Commission defines "confidential business information" to mean: "Information which concerns or relates to the trade secrets, processes, operations, style of works, or apparatus, or to the production, sales, shipments, purchases, transfers, identification of customers, inventories, or amount or source of any income, profits, losses, or expenditures of any person, firm, partnership, corporation, or other organization, or other information of commercial value, the disclosure of which is likely to have the effect of either impairing the Commission's ability to obtain such information as is necessary to perform its statutory functions, or causing substantial harm to the competitive position of the person, firm, partnership, corporation, or other organization, or other organization from which the information was obtained, unless the Commission is required by law to disclose such information."
- 3. **Full-time equivalent (FTE) employment.** Refers to actual levels of employment, calculated by taking the ratio of the total number of paid hours during a period (by part time, full time, and contracted workers) to the number of working hours in that period. Employment estimates should include those in any affiliated joint-venture operation where your firm maintains majority equity status.
- 4. **Indigenous innovation policies (China).** For the purposes of this survey, indigenous innovation policies include Chinese policies aimed at promoting innovation and domestic development of intellectual property by Chinese companies, through such channels as government procurement practices, technical standards setting, subsidies to China's domestic firms, tax incentives to China's domestic firms, incentives for China's domestic firms to register patents or other types of intellectual property, unequal treatment in enforcing IPR relative to Chinese firms, preferential lending to domestic firms, technology transfer requirements, compulsory licensing at below market rates, and unequal enforcement of China's Anti-Monopoly Law.
- 5. **Intellectual property**. Refers to creations of the mind including, but not limited to, inventions, literary and artistic works, and symbols, names, and designs. International property rights are national in scope. For example, to be protected in China, patents and trademarks must be registered in China. Violation of IPR is often referred to as "infringement." Major types of IPR include:
 - A. *Trademarks*: Any name, word, device, letter, number, three-dimensional shape, packaging, color, or any combination thereof, adopted and used by manufacturers or merchants to identify their goods or services and distinguish them from those manufactured or sold by others.

Violations of trademarks include:

- i. to use a trademark that is identical with, or similar to, a registered or well-known trademark in respect of the identical or similar goods without the authorization from the trademark registrant;
- ii. to sell goods with the knowledge that those goods bear a counterfeited registered trademark;
- iii. to counterfeit, or to make or sell, without authorization, representations of a registered trademark of another person; or

iv. to use a trademark that imitates or translates the well-known mark of another person that has been registered in China, misleads the public, and is likely to create prejudice to the interests of the well-known mark registrant.

A well-known trademark is one that is widely known to the relevant sectors of the public and enjoys a highly regarded reputation in China.

Specifically excluded from this definition of violations is:

offering goods or services bearing a genuine mark which are imported or sold in the market country, but are in contravention of a commercial arrangement regarding the sale or distribution of such goods or services in the market country ("gray market goods").

Trademark violations may also be referred to as "counterfeiting."

B. *Copyrights*: A form of protection provided to original works of authorship broadly including written works; oral works; musical, dramatic, choreographic, and acrobatic works (including sound recordings); works of fine art and architecture; photographic works; cinematographic works and works created by virtue of an analogous method of film production; drawings of engineering designs and product designs; maps, sketches, and other graphic works and model works; and computer software.

Copyright infringement includes violation of the following exclusive rights:

- i. to reproduce the copyrighted work by any means;
- ii. to prepare derivative works (including translations and compilations) based upon the copyrighted work;
- iii. to distribute the original or reproductions of a work to the public by sale or other transfer of ownership, or by rental, lease, or lending;
- iv. to perform the copyrighted work publicly (including by audio, video, or other broadcast);
- v. to communicate to the public a work by wire or wireless means on communication networks;
- vi. in the case of fine art, photography, and cinematography (or any other work created by analogous methods of film production), to show the work publicly, and, in the case of fine art and photography, to exhibit the work publicly;
- vii. to fixate a work on a carrier by way of film production (or an analogous method) in order to make a cinematographic work; and
- viii. to claim authorship of the work and to object to any distortion, mutilation, or other alteration of the work.

A copyright need not be registered with a government in order to be protectable. Copyright violations may also be referred to as "piracy."

- C. *Patents*: A grant giving the patent owner the right to exclude others from making, using, or selling his patented product or process within the national territory. In China, patents may be granted for inventions, utility models, and designs.
 - i. Invention patents are granted for any new technical solution relating to a product, process, or improvement, and are protected for 20 years from the filing date. Such patents are analogous to U.S. utility patents.

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- ii. Utility model patents are granted for any new technical solution relating to the shape, structure, or their combination, of a product which is fit for practical use, and are protected for 10 years. There is no U.S. counterpart for this type of patent.
- iii. Design patents are provided for any new design relating to a product's shape, pattern, color, or their combination, which creates an aesthetic feeling and is fit for industrial application, and are also protected for 10 years.

Patent infringement refers to patent exploitation without the authorization of the patent owner including:

- i. Manufacturing patented products;
- ii. Using patented processes;
- iii. Offering to sell or selling patented products;
- iv. Using products directly acquired by the patented processes for production or business purposes; or
- v. Importing or exporting patented products or products directly acquired through patented processes.
- D. *Trade secrets*: Technical or business information that is nonpublic, can bring economic benefits to the rightholder, and is practical, and for which the rightholder has adopted measures to maintain its confidentiality.

Trade secret violations include:

- i. Obtaining trade secrets from the owner by stealing, promising gain, using coercion, or other improper means;
- ii. Disclosing, using, or allowing others to use trade secrets obtained by stealing, promising gain, using coercion, or other improper means;
- iii. Disclosing, using, or allowing others to use trade secrets that a party has obtained by breaking an agreement or by disregarding the requirements of the trade secret owner to maintain the trade secret in confidence; and
- iv. Acquisition, use, or disclosure by a third party of someone else's trade secret when this third party had, or should have had, awareness that the secret is available owing to the illegal acts mentioned above.

Trade secret violations may also be referred to as "misappropriation."

- E. *Other IPR:* May include plant variety rights, semiconductor mask works/layout design, proprietary technical data submitted to a government agency in connection with the regulatory review of a product, or other IPR recognized in China.
- 6. **Profits (Gross)**. A company's total earnings, calculated according to generally accepted accounting principles (GAAP). It is usually calculated by taking the difference between sales (or revenue) and the cost of goods sold. Overhead, payroll taxes, and interest payments are not used in this calculation.
- 7. **Research and development (R&D)**: The systematic pursuit of new knowledge of a general nature, the use of knowledge to meet a specific need, or the application of knowledge to the production or improvement of a product, service, process, or method.

More specifically, R&D covers three activities: basic research, applied research, and experimental development. Basic research is experimental or theoretical work undertaken primarily to acquire new

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knowledge of the underlying foundation of phenomena and observable facts, without any particular application or use in view. Applied research is also original investigation undertaken in order to acquire new knowledge. It is, however, directed primarily towards a specific practical aim or objective. Experimental development is systematic work, drawing on existing knowledge gained from research and/or practical experience, which is directed to producing new materials, products, or devices, to installing new processes, systems, and services, or to improving substantially those already produced or installed.

- 8. **Royalty and License Fees:** Payments received for the use of IPR, including but not limited to patents, trademarks, franchises, copyrights, and industrial processes.
- 9. Sales (Total): Total sales, net of returns, discounts, and allowances. Includes internal consumption and transfers to related firms, as applicable, at fair market value. Total sales include income derived from royalty and license fees.
- 10. Material sales or profit losses: Losses which are consequential or important.

SECTION 1. GENERAL QUESTIONS

1.1 Who is the person at your firm who should be contacted about this questionnaire?

	Name	Title
	Telephone (xxx-xxx)	E-mail address
1.2	Report below the actual number of hou of completing this questionnaire, include	rs required and the cost to your firm or establishment(s) ding all preparatory activities.

Hours Dollars

1.3 Is your firm owned, in whole or in part, by another firm(s)?

			Yes				
			No				
				provide	the following information about	the firms (top	four maximum,
based on equ	iity sł	are):					1
							Approximate
Owner (firm	name	e)			Address		equity share (%)

1.4 What best describes your current firm type (check only one box)?

Headquartered in United States without any foreign affiliates
Headquartered in United States with foreign affiliates
Affiliate of multinational headquartered in a country other than United States
Other — Specify:

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- 1.5 Please provide estimates for your firm's sales in the markets identified below. **DO NOT** include royalty and license income. <u>Careful estimates are acceptable</u>. If a value is zero, enter 0. If a value is unknown, leave entry blank.

#	Market	2007	2008	2009
		S	Sales (in actual dollars	·)
1	Global			
2	U.S. market			
3	Chinese market			

1.6 Please provide estimates of your firm's revenue from royalties and licenses in the markets identified below. <u>Careful estimates are acceptable</u>. If a value is zero, enter 0. If a value is unknown, leave entry blank.

#	Market	2007	2008	2009
		Royalty and	license revenue (in ac	tual dollars)
1	Global			
2	U.S. market			
3	Chinese market			

1.7 Please provide estimates of your firm's employees in the locations identified below. Include production and related workers, and management, administrative, and marketing staff. <u>Careful estimates are acceptable</u>. If a value is zero, enter 0. If a value is unknown, leave entry blank.

#	Location of employees	2007	2008	2009
			ber of full-time equiv ees (in actual whole n	
1	Global			
2	United States			
3	China			

1.8 In 2009, approximately what share of your firm's employees worldwide were U.S. nationals (those that possess U.S. citizenship or lawful permanent residence residing both inside and outside the United States)?

Approximate share, percent (round to nearest whole number)	
--	--

1.9 Please provide estimates for your firm's research and development (R&D) expenditures. <u>Careful</u> estimates are acceptable. If a value is zero, enter 0. If a value is unknown, leave entry blank.

#	Location of R&D activity	2007	2008	2009
		R&D ex	cpenditures (in actual	dollars)
1	Global			
2	United States			
3	China			

1.10 For your firm's **GLOBAL** sales, please select the North American Industry Classification System (NAICS) classification code(s)/industry(ies) that correspond to your firm's principal products and/or services in 2009. If one industry applies, enter "1" in the last column for that industry. If more than one industry applies, rank up to the top three (in descending order of global sales) by entering "1", "2", and, if appropriate, "3" in the last column. (Note that in defining the industries below, some NAICS codes have been collapsed or combined.)

		Enter "1", "2", "3", as appropriate, to indicate your firm's
NAICS code(s)	Industry	industry(ies)
31212, 31213,	Breweries, wineries, and distilleries	
31214		
3122	Tobacco manufacturing	
3162, 3169	Footwear and leather products manufacturing	
315	Apparel manufacturing	
3254	Pharmaceuticals	
325, except 3254	Other chemical manufacturing	
333	Machinery manufacturing	
334518	Watch, clock, and part manufacturing	
334, except 334518	Other computer and electronic product manufacturing	
335	Electrical equipment, appliance, and component manufacturing	
3361, 3362, 3363	Motor vehicle equipment manufacturing	
3364	Aerospace product and parts manufacturing	
3391	Medical equipment and supplies manufacturing	
33991	Jewelry and silverware manufacturing	
33993	Game, toy, and children's vehicle manufacturing	
5111	Newspaper, periodical, book, and directory publishers	
5112	Software publishers	
5121	Motion picture and video industries	
5122	Sound recording industries	
51512	Television broadcasting	
51913	Internet publishing and broadcasting and web search portals	
5415	Computer systems design and related services	
5417	Scientific research and development services	
	CS code(s) or industry(ies) does not appear above, please s) and industry(ies) that apply to your firm.	e indicate below the
	ition of NAICS codes can be found at: gov/cgi-bin/sssd/naics/naicsrch?chart=2007	

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1.11 For your firm's sales in **CHINA**, please select the North American Industry Classification System (NAICS) classification code(s)/industry(ies) that correspond to your firm's principal products and/or services in 2009. If one industry applies, enter "1" in the last column for that industry. If more than one industry applies, rank up to the top three (in descending order of global sales) by entering "1", "2", and, if appropriate, "3" in the last column. (Note that in defining the industries below, some NAICS codes have been collapsed or combined.)

		Enter "1", "2", "3", as appropriate, to indicate your firm's
NAICS code(s)	Industry	industry(ies)
31212, 31213,	Breweries, wineries, and distilleries	
31214		
3122	Tobacco manufacturing	
3162, 3169	Footwear and leather products manufacturing	
315	Apparel manufacturing	
3254	Pharmaceuticals	
325, except 3254	Other chemical manufacturing	
333	Machinery manufacturing	
334518	Watch, clock, and part manufacturing	
334, except 334518	Other computer and electronic product manufacturing	
335	Electrical equipment, appliance, and component manufacturing	
3361, 3362, 3363	Motor vehicle equipment manufacturing	
3364	Aerospace product and parts manufacturing	
3391	Medical equipment and supplies manufacturing	
33991	Jewelry and silverware manufacturing	
33993	Game, toy, and children's vehicle manufacturing	
5111	Newspaper, periodical, book, and directory publishers	
5112	Software publishers	
5121	Motion picture and video industries	
5122	Sound recording industries	
51512	Television broadcasting	
51913	Internet publishing and broadcasting and web search portals	
5415	Computer systems design and related services	
5417	Scientific research and development services	
	CS code(s) or industry(ies) does not appear above, please s) and industry(ies) that apply to your firm.	e indicate below the
	ition of NAICS codes can be found at: gov/cgi-bin/sssd/naics/naicsrch?chart=2007	

1.12 Has your firm ever exported end-use or intermediary products to China, sent material for testing or research, established an affiliate operation in China, or otherwise derived revenue from business in China (aside from importing from China)?

Yes, currently
Yes in the past, but not now
No, but are considering doing so
No, and have no plans to do so

1.13 Which of the following activities does your firm perform in China (check all that apply)?

Sales
Research and development
Manufacturing (by your firm)
Manufacturing (contracted to another firm)
Exporting from China
Importing into China
Licensing of technology to any entity
No activities
Other activities — Specify:

1.14 Does your company experience IPR infringement of your products or services by Chinese entities or individuals?

	Yes → Skip to section 2
	No → Proceed to question 1.15

1.15 Does your firm have concerns that China's indigenous innovation policies are affecting, or will likely affect, your firm's revenues or business operations? (See definition section for "indigenous innovation policies.")

	Yes → Skip to section 8
	No → Skip to section 10

SECTION 2. GENERAL IPR INFORMATION

	Rank importance from 1 (not at all important) to 5 (extremely important)					
Item	Not at all important	<		→	Extremely important	
Copyrights	1	2	3	4	5	
Trademarks	1	2	3	4	5	
Patents	1	2	3	4	5	
Trade secrets	1	2	3	4	5	
Other IPR	1	2	3	4	5	
If other, specify here:						

2.1 Please indicate the importance of IPR protection to your firm's business(es) during 2007-09.

2.2 Did your firm experience any IPR violations attributable to Chinese entities or individuals during 2007-09?

Yes	If you answered "yes" to 2.2, check all types of IPR infringement that apply:		
	Copyrights		
	Trademarks		
	Patents		
	Trade secrets		
	Other IPR — Specify:		
🗌 No			

2.3 Please indicate the level of your firm's general concerns regarding the effects of IPR violations by Chinese entities or individuals that you have had during 2007-09.

	Rank your firm's level of concern from 1 (not at all concerned) to 5 (extremely concerned)				
Issue	Not at all concerned	•		→	Extremely concerned
Lost sales or royalties and license fees in China	1	2	3	4	5
Lost sales or royalties and license fees in U.S.	1	2	3	4	5
Lost sales or royalties and license fees in all other markets	1	2	3	4	5
Damage to brands or product reputation	1	2	3	4	5
Reduced return to R&D expenditures	1	2	3	4	5
Reduced return on investment	1	2	3	4	5
Cost of IPR enforcement	1	2	3	4	5
Increased warranty costs related to counterfeit products	1	2	3	4	5 🗌
Lost employment in U.S.	1	2	3	4	5
Stolen trade secrets	1	2	3	4	5
Other	1	2	3	4	5
If other, specify here:					

2.4 For your firm's products/services, which of the listed Chinese entities were infringers of the types of IPR identified below during 2007-09? Check all that apply.

	Type of IPR Infringement						
Type of Chinese entity	Copyrights	Trademarks	Patents	Trade secrets	Other IPR		
Chinese state-owned enterprises							
Chinese government agencies							
Chinese private firms							
Your firm's joint venture partners							
Individuals, including former employees							
Foreign-owned enterprises							
Unknown entities							
Other type of entity							
Specify other entity:							

Yes	If you answered "yes" to 2.5, was such licensing required to gain or maintain		
	access to	the Chinese market?	
		Yes	
		No	
		Unknown	
No	If you ar	swered "no," what were the reasons? Check all that apply.	
		No demand for your firm's technology	
		Your firm does not license technology	
		Barriers to obtaining IPR protection in China	
		Barriers to enforcing IPR in China	
		Other — Specify:	

2.5 Did your firm license technology to any entities or individuals in China during 2007-09?

2.6 Please indicate whether or not your firm's revenues were lower as a result of IPR infringement in China during 2007-09 than they would have been in the absence of such infringement.

Yes	If you answered "yes" to 2.6, what are the reasons for the lower revenues		
	associated with IPR infringement in China? Check all that apply.		
		Lowered price of products/services to compete with infringing	
		products	
		Fewer units sold in the Chinese market	
		Moved manufacturing facilities from China or did not expand existing	
		facilities	
		Moved R&D facilities from China or did not expand existing facilities	
		Did not enter China's market	
		Other — Specify:	
🗌 Not a	ffected		
Unkn	lown		

2.7 Has your firm estimated revenue losses resulting from IPR infringement in China?

	Yes	
	No	

USITC Intellectual Property Rights Questionnaire

2.8 If you answered "yes" to 2.7, select the amounts of those losses in 2009 from the ranges provided. If 2009 data are unavailable, use latest year available and specify this year in last column below.

	Range of lost 2009 revenue					
	\$0 to \$1,000,000	, ,	\$2,000,001 to \$3,000,000	\$3,000,001 to \$4,000,000	If more than \$4,000,000, estimate to nearest million	Latest available year if not 2009 (4-digit)
Lost sales, not incl	uding lost ro	yalty and licen	se fees:		1	
In Chinese market						
In U.S. market						
In all other markets						
Lost royalty and lic	cense fees:					
From China						
From U.S.						
From all other countries						
Lost global profits						
Loss specifically attributable to internet-based infringement						

Confidential Business Information USITC Intellectual Property Rights Questionnaire

If you answered "yes" to 2.7, please identify how your firm estimated losses associated with IPR infringement in China. 2.9

	Your firm based revenue losses on:				
Type of loss	(Estimated amount of infringement or confiscated product) multiplied by (retail value)	(Estimated amount of infringement or confiscated product) multiplied by (wholesale price)	Estimates of market in China based on China's relative economic and/or demographic profile	Third party estimates of infringement (e.g., industry associations)	Other
	including royalty an	nd license fees:]
In Chinese market					
In U.S. • market					
In all other markets					
Lost royalty an	d license fees:				
From China					
. From U.S.					
From all other countries					
Lost global profits					
Loss specifically attributable to internet-based infringement	Not applicable	Not applicable			

USITC Intellectual Property Rights Questionnaire

2.10 If you answered "other" to 2.9, please briefly describe your firm's method for measuring the effects of IPR infringement of your firm's products and services in China in 2007-09. Please don't use the "enter" key in your responses.

infringement by Chinese entities Description of method for measuring effects Lost sales, not including royalty and license fees: In Chinese market In Chinese market In U.S. market In U.S. market In all other markets In all other markets In all other markets From China In U.S. From U.S. In U.S. From U.S. In all other countries In all other countries In U.S.	Type of loss attributable to IPR	
In Chinese market In U.S. market In all other markets Cost royalty and license fees: From China From U.S. From U.S. Cost global profits	infringement by Chinese entities	Description of method for measuring effects
In U.S. market In all other markets In all other markets From China From U.S. From all other countries Lost global profits Lost global profits		license fees:
In all other markets Lost royalty and license fees: From China From U.S. From u.S. Lost global profits Lost global profits	In Chinese market	
In all other markets Lost royalty and license fees: From China From U.S. From u.S. Lost global profits Lost global profits		
In all other markets Lost royalty and license fees: From China From U.S. From u.S. Lost global profits Lost global profits		
In all other markets Lost royalty and license fees: From China From U.S. From u.S. Lost global profits Lost global profits		
Lost royalty and license fees: From China From U.S. From all other countries Lost global profits	In U.S. market	
Lost royalty and license fees: From China From U.S. From all other countries Lost global profits		
Lost royalty and license fees: From China From U.S. From all other countries Lost global profits		
Lost royalty and license fees: From China From U.S. From all other countries Lost global profits		
From China	In all other markets	
From China		
From China		
From China		
From China	Lost royalty and license fees:	
From U.S. From all other countries Lost global profits		
From all other countries Lost global profits	i iom enna	
From all other countries Lost global profits		
From all other countries Lost global profits		
From all other countries Lost global profits	From U.S.	
Lost global profits		
Lost global profits		
Lost global profits		
Lost global profits	From all other countries	
	Trom an other countries	
	Lost global profits	
Loss specifically attributable to	Loss specifically attributable to	
internet-based infringement		

USITC Intellectual Property Rights Questionnaire

2.11 Indicate the amounts of enforcement expenses incurred by your firm that were attributable to infringement by Chinese entities in 2009, and expenses attributable to protection against IPR infringement by Chinese entities in 2009 from the ranges provided. If 2009 data are unavailable, use latest year available and specify this year in last column below.

		Range of e	nforcement ex	xpenses in 200)9	
Item	\$0 to \$1,000,000	\$1,000,001 to \$2,000,000	\$2,000,001 to \$3,000,000	\$3,000,001 to \$4,000,000	If more than \$4,000,000, estimate to nearest million	Latest available year if not 2009 (4-digit)
Enforcement expenses attributable to infringement by Chinese entities and expenses attributable to protection against IPR infringement by Chinese entities						

2.12 If your firm operates in China, please rank the top three Chinese provinces which your firm estimates had the *best* climate for protecting your firm's intellectual property in 2007-09.

	Not applicable	ot applicable				
	Applicable, but province	unknown				
	Applicable. Please rank to	A		ing third best).		
	Place the number in the s	pace to the left of the pro	ovince name.			
Anhui	Guizhou	Inner Mongolia	Shaanxi	Xinjiang		
Beijing	Hainan	Jiangsu	Shandong	Yunnan		
Chongqin	g Hebei	Jiangxi	Shanghai	Zhejiang		
Fujian	Fujian Heilongjiang Jilin Shanxi					
Gansu Henan		Liaoning	Sichuan			
Guangdong Hubei		Ningxia	Tianjin			
Guanxi	Hunan	Qinghai	Tibet			

USITC Intellectual Property Rights Questionnaire

2.13a If your firm operates in China, please rank the top three Chinese provinces which your firm estimates had the *worst* climate for protecting your firm's intellectual property in 2007-09.

	Not applicable						
	Ар	plicable, but p	rovince unkno	own			
				ee from below lis			hird worst).
	L Pla	ice the number	in the space t	o the left of the p	rovince name.		
An	hui	Guizho	u	Inner Mongolia	Shaan	xi	Xinjiang
Be	ijing	Hainan		Jiangsu	Shand		Yunnan
	ongqing	Hebei		Jiangxi	Shang	hai	Zhejiang
Fu	jian	Heilong	gjiang	Jilin	Shanx	i	
Ga	insu	Henan		Liaoning	Sichu	an	
Gu	angdong	<u> </u>		Ningxia	Tianji	n	
Gu	ıanxi	Hunan		Qinghai	Tibet		
2.13b W	Three p		F		IPR infringer k all that app	nent	
	worst IP (enter na	PR climates ames from				Trade	
Rank	list abov	re)	Copyrights	Trademarks	Patents	secrets	Other IPR
Worst			If checked "Other IPR", specify type:				
			II CHECKEU	Other II K, speen	iry type.		
Second worst							
			If checked "Other IPR", specify type:				
Third worst							
	If checked "Other IPR", specify type:						

2.14 If your firm conducts business in China, please rank the three Chinese provinces from which your firm derived the most revenue in 2007-09 based on your estimates.

	Not applicable	ot applicable				
	Applicable, but province	unknown				
	Applicable. Please rank top three from list below (1 being the most revenue, 3 being third most revenue). Place the number in the space to the left of the province name.					
Anhui	Guizhou	Inner Mongolia	Shaanxi	Xinjiang		
Beijing	Hainan	Jiangsu	Shandong	Yunnan		
Chongqir	gHebei	Jiangxi	Shanghai	Zhejiang		
Fujian	Heilongjiang	Jilin	Shanxi			
GansuHenan		Liaoning	Sichuan			
Guangdong Hubei		Ningxia	Tianjin			
Guanxi	Hunan	Qinghai	Tibet			

SECTION 3. STRATEGIES FOR ADDRESSING IPR ISSUES

3.1a Does your firm generally discount its prices, relative to U.S. prices, for comparable products sold in China?

	Yes
	No No
3.1b	If you answered "yes" to 3.1a, what is the average discount at which your firm sells its
	products in China, relative to U.S. prices?
	Less than 5 percent
	5 percent to less than 10 percent
	10 percent or greater
	If 10 percent or greater, specify approximate percentage:
3.1c	If you answered "yes" to 3.1a, how much of this discount is due to the need to compete
	with IPR infringing versions of your products?
	Less than half the discount
	More than half the discount
	Discount not associated with competition from IPR-infringed products.

3.2 Do IPR infringers in China discount their products relative to the price you charge in China?

	Yes If you answered "yes" to 3.2, specify average percent discount:
	No
	Unknown

3.3 How would your firm best characterize the infringing product (check all that apply)?

Exact replica: No difference exists between your firm's product/service and the infringed product/service, but the knowledge/expression has been stolen or replicated (or production facilities have been used without authorization)
High-quality/high-price substitutes/counterfeits: Consumer may not realize they are buying illegal products
Bait and switch: Consumers may realize the product is infringed only upon opening or use (e.g., high quality packaging, low quality products).
Moderate/low quality: Clearly an IPR-infringed product, consumers are most likely consciously selecting IPR-infringed counterfeit product (to save money or because it's "good enough").
Other — Specify:

3.4a If IPR protection and enforcement in China were brought to levels comparable to those in the United States, would your global unit sales (i.e., sales volume not value) likely increase as a result of such improved protection and enforcement?

	Yes, global unit sales would likely increase				
		No, global uni	t sales would NOT	likely increase	
		Unknown			
3.4b	3.4b If you answered "yes" to 3.4a, by approximately how much do you assume your unit sales would increase in the following markets?				
	•		0	increase (check one	per market):
		Less than 5			If more than 20 percent, estimate to nearest 10 percent (e.g. 30 percent,
Mark	et	percent	5 to 10 percent	10 to 20 percent	40 percent)
China					
United	l States				
All otl	ner				

3.5a If IPR protection and enforcement in China were brought to levels comparable to levels in the United States, would your firm's global receipt of royalties and license fees likely increase as a result of such improved protection and enforcement?

		Yes, global receipt of royalties and license fees would likely increase					
		No, global reco	No, global receipt of royalties and license fees would NOT likely increase				
		Unknown					
3.5b				ely how much do you	a assume your receipt of		
	royalties an	d license fees w	ould increase?				
		Royalty a	nd license fee inco	ome would increase	(check one per market):		
					If more than 20 percent, estimate to nearest 10		
		Less than 5			percent (e.g. 30 percent,		
Mark	et	percent	5 to 10 percent	10 to 20 percent	40 percent)		
China							
United	l States						
All oth	ner						

3.6a If IPR protection and enforcement in China were at levels comparable to levels in the United States, would you likely hire more employees worldwide?

	Yes				
	No No				
3.6b	If you answere	ed "yes" to 3.6a, where would these workers likely be hired?			
		In China, local Chinese employees			
		in China, U.S. expatriates			
		the United States			
	ז 🗌 ד	J.S. expatriates in other countries			
	1	Nationals of other countries (neither the United States nor China)			
3.6c		ed "yes" to 3.6a, by how much would your firm's full-time equivalent			
	employment of	of U.S. workers likely rise?			
		Less than 2 percent			
		Between 2 and 5 percent			
		Between 5 and 10 percent			
		More than 10 percent			
	U 🗌 U	Unknown			

SECTION 4. COPYRIGHTS

4.1 Has your firm experienced **material** sales or profit losses anywhere in the world due to copyright infringement in China during 2007-09?

Yes, the firm has experienced associated material loss		Yes, the firm has experienced associated material losses
		No, the firm has NOT experienced associated material losses

₽ <u>INSTRUCTIONS</u> ₽

If you answered "No" to 4.1, proceed to section 5

4.2 Please indicate the number of copyright registrations owned by your firm that, as of December 31, 2009, were:

Pending or in force in the United States	
Pending or in force in China	
Recorded with U.S. Customs	
Recorded with China Customs	

4.3a Does your firm have reason to believe that one or more of its copyrights (whether registered, recorded, or not) has been infringed in China during 2007-09?

	Yes		
	No		
4.3b		" to 4.3a, how many specific copyrights does be infringed?	

		Yes				
		No				
		<u>.</u>				
4.4b	If you a	answered "yes" to	4.4a, estimate	the number of p	roceedings your f	irm has pursued in
	China o	luring 2007-09.				
		Administrative	action:			
		Civil proceedin	ngs:			
		Criminal proce	edings:			
				·		
4.4c	receive	answered "yes" to d from legal proce 2007-09 (in actual	edings related		•	r products in China
		Total estimated a	mount:		Check here	if unknown
4.4d	-	answered "yes" to one box for each p		•	rm been with thes	e proceedings?
	•	Proceeding	U	Not satisfie	d Satisfied	Very satisfied
		Administrative	action			
		Civil proceedin	ngs			
		Criminal proce	edings			
			campo			

4.4a During 2007-09, has your firm pursued any copyright enforcement proceedings in China?

4.5a Has your firm lost sales, royalties, license fees, or other income in China, or in markets outside of China, as a result of copyright infringement in China during 2007-09?

		Yes			
		No			
4.5b	If you an	swered "yes'	' to 4.5a, please estimate the total of such losses	during 2007-09 (in	
	actual do	llars).			
		Chinese ma	urket		
		U.S. marke	t		
		All other m	arkets		
	If you cannot differentiate by market, don't enter estimates above				
	and enter total of such losses during 2007-09 (in actual dollars).				

4.6a Has your firm incurred expenses to address the infringement of your firm's copyrights in China?

		Yes		
		No		
4.6b	expenses	If you answered "yes" to 4.6a, please estimate the total associated expenses for 2007-09, which should include legal, investigative, personnel, technical solutions, marketing, R&D, and other related		
	•	expenses (in actual dollars).		

4.7 Compared to 2007, how would you characterize copyright infringement in China as it relates to your firm's products/services in 2009?

Increased over this period
Remained about the same
Decreased over this period
Too short a period to notice any changes
Unknown or not applicable

4.8a Did copyright infringement in China affect the number of employees your firm hired in the United States during 2007-09?

	Caused a decrease in your firm's employment of U.S. workers Caused an increase in your firm's employment of U.S. workers		
	No change		
4.8b	If it caused a decrease in employment of your firm's U.S. workers,		
	please estimate the number of full-time equivalent jobs lost.		
4.8c	If it caused an increase in employment of your firm's U.S. workers,		
	please estimate the number of full-time equivalent jobs gained.		

4.9a Did copyright infringement in China affect your firm's research and development expenditures in the United States during 2007-09?

	Yes, caused a reduction in U.Sbased R&D expenditures
	Yes, caused an increase in U.Sbased R&D expenditures
	No, firm has R&D activities in the United States, but there has been no change in
	U.Sbased R&D expenditures
	No, firm does not have R&D activities in the United States
4.9b	If it caused a reduction in your U.Sbased R&D expenditures,
	please estimate the amount (in actual dollars).
4.9c	If it caused an increase in your U.Sbased R&D expenditures,
	please estimate the amount (in actual dollars).

Confidential Business Information USITC Intellectual Property Rights Questionnaire

4.10a Are infringing digital versions of your copyrighted products available for download from internet Web sites hosted in China?

		Yes	
		No	
		Uns	sure
		Doe	es not apply
4.10b	If you ans	swered	d "yes" to 4.10a, how would you best characterize the growth of this type of
	infringem	nent be	etween 2007-09?
			Gradual increase in internet based infringement
			Rapid increase in internet based infringement
			No change
			Gradual slowdown of internet based infringement
			Rapid slowdown of internet based infringement
4.10c			d "yes" to 4.10a, were digital files or physical goods a more predominant
	source of	Chine	ese infringement of your firm's products/services during 2007-09?
			Digital files on the internet (e.g., MP3 file)
			Physical goods/services sold on the streets or on the internet
			Unsure

SECTION 5. TRADEMARKS

5.1 Did your firm experience **material** losses in sales or profits anywhere in the world due to trademark infringement in China during 2007-09?

		Yes, the firm has experienced associated material losses
		No, the firm has NOT experienced associated material losses

₽ <u>INSTRUCTIONS</u> ₽

If you answered "No" to 5.1, proceed to section 6

5.2 Please indicate the number of trademark registrations owned by your firm that, as of December 31, 2009, were:

Pending or in force in the United States	
Pending or in force in China	
Recorded with U.S. Customs	
Recorded with China Customs	

5.3a Does your firm have reason to believe that one or more of its Chinese trademarks was infringed in China in 2007-09?

	Yes
	No
5.3b	If you answered "yes" to 5.3a, how many of such trademarks does your firm believe to be infringed?

		Yes			
		No			
5.4b	If you ar	nswered "yes" to 5.4a, estimate	the number of p	roceedings your	firm has pursued
	•	during 2007-09.	Ĩ	e ,	1
		Administrative action:			
		Civil proceedings:			
		Criminal proceedings:			
		proceedings.			
5.4c	If you at	eswered "ves" to 5 /a estimate	the total amount	of monetary rel	lief vour firm
5.40	If you answered "yes" to 5.4a, estimate the total amount of monetary relief your firm				
	received from legal proceedings related to trademark infringement of your products in			ful products in	
China during 2007-09 (in actual dollars).		, , ,			
		Total estimated amount:		Check here if	unknown
5.4d	If you ar	nswered "yes" to 5.4a, how sat	isfied has your fir	m been with the	ese proceedings?
	Check one box for each proceeding as applicable.				
	Proceeding		Not satisfied	Satisfied	Very satisfied
Administrative action					
Civil proceedings					
	Criminal proceedings				
If you responded "not satisfied," provide brief explanation in supplementary information question 10.1					
n you tespo		summer, provide other explain	action in suppleme	entary morman	on question 10.1

5.4a During 2007-09, did your firm pursue any trademark enforcement proceedings in China?

5.5a Has your firm lost sales, royalties, license fees, or other income in China, or in markets outside of China, as a result of trademark infringement in China during 2007-09?

		/es
		lo
5.5b	If you answered	1 "yes" to 5.5a, please estimate the total of such losses during 2007-09 (in
	actual dollars).	
		Chinese market
		U.S. market
		All other markets
	•	ifferentiate by market, don't enter estimates above
	and enter total of	of such losses during 2007-09 (in actual dollars).

5.6a Has your firm incurred expenses to address the infringement of your firm's trademarks in China?

	Yes
	No
5.6b	If you answered "yes" to 5.6a, please estimate total associated expenses for 2007-09, which should include legal, investigative, personnel, and other related expenses (in actual dollars).

USITC Intellectual Property Rights Questionnaire

5.7a Does your firm have a method for quantifying the extent to which trademark infringement in China has damaged, diluted, or tarnished the value of your firm's trademarks?

	Yes Yes
	□ No
5.7b	If you answered "yes" to 5.7a, please provide the estimated value of such harm (in actual dollars).

5.8 Compared to 2007, how would you best characterize trademark infringement in China as it relates to your firm's products/services in 2009?

Increased over this period
Remained about the same
Decreased over this period
Too short a period to notice any changes
Unknown or not applicable

5.9a Did trademark infringement in China affect the number of employees your firm hired in the United States during 2007-09?

	Caused a decrease in your firm's employment of U.S. workers	
	Caused an increase in your firm's employment of U.S. workers	
	No change	
5.9b If it caused a decrease in employment in your firm's U.S workers,		
	please estimate the number of those full-time equivalent jobs lost.	
5.9c	If it caused an increase in employment in your firm's U.S. workers,	
please estimate the number of those full-time equivalent jobs gained.		

5.10a Did trademark infringement in China affect your firm's research and development expenditures in the United States during 2007-09?

	Yes, caused a reduction in U.Sbased R&D expenditures	
	Yes, caused an increase in U.Sbased R&D expenditures	
	No, firm has R&D activities in the United States, but there has been no change in U.Sbased R&D expenditures	
	No, firm does not have R&D activities in the United States	
5.10b	If it caused a reduction in your U.Sbased R&D expenditures, please estimate the amount (in actual dollars).	
5.10c	If it caused an increase in your U.Sbased R&D expenditures, please estimate the amount (in actual dollars).	

SECTION 6. PATENTS

6.1 Has your firm experienced **material** losses in sales or profits anywhere in the world due to patent infringement in China during 2007-09?

	Yes, the firm has experienced associated material losses
	No, the firm has NOT experienced associated material losses

₽ <u>INSTRUCTIONS</u> ₽

If you answered "No" to 6.1, proceed to section 7

6.2 Please indicate the number of patents owned by your firm that, as of December 31, 2009, were:

Pending or in force in the United States	
Pending or in force in China	
Recorded with China customs	

6.3a Does your firm have reason to believe that one or more of its Chinese patents was infringed in China in 2007-09?

	Yes
	No
6.3b	If you answered "yes" to 6.3a, how many of such patents
	does your firm believe were infringed in China?

		Yes							
		No							
			•						
6.4b	If you a	nswered	"yes" to 6.4a, estin	nate the num	ber of pro	ceedir	ngs your fir	m has pursued	in
	China d	uring 200)7-09.						
		1	Administrative acti	on:					
		(Civil proceedings:						
		(Criminal proceedin	igs:					
6.4c	If you a	nswered	"yes" to 6.4a, estin	nate the total	amount c	of mon	etary relief	your firm	
	received	l from leg	gal proceedings rel	ated to pater	it infringer	ment c	of your proc	lucts in China	
	during 2	2007-09 (in actual dollars).	_	-				
		Total est	imated amount:			Che	ck here if u	nknown	
6.4d	If you a	nswered	"yes" to 6.4a, how	satisfied has	s your firm	ı been	with these	proceedings?	
	Check of	ne box fo	or each proceeding	as applicabl	e.				
]	Proceeding		Not satis	sfied	Satisfied	Very satisfi	ied
		1	Administrative acti	on					
		(Civil proceedings						
		(Criminal proceedin	igs					
If you 1	responded '	'not satis	fied," briefly expla	in in supple	mentary ir	forma	tion questi	on 10.1.	

6.4a During 2007-09, did your firm pursue any patent enforcement proceedings in China?

6.5	Estimate the total number of criminal defendants that were arrested for patent infringement of						
	your products in China during 2007-09?						
	Total estimated number: Check here if unknown						

6.6a Has your firm lost sales, royalties, license fees, or other income in China, or in markets outside of China, as a result of patent infringement in China during 2007-09?

	Yes No					
		1				
6.6b	If you answered "yes" to 6.6a, please estimate the total of such losses during 2007-09 (in actual dollars)					
	Chines	e market				
	U.S. m	arket				
	All oth	er markets				
		ntiate by market, don't enter estimates above h losses during 2007-09 (in actual dollars).				

USITC Intellectual Property Rights Questionnaire

6.7a Has your firm incurred expenses to address the infringement of your firm's patents in China?

		Yes				
		No				
6.7b	If you answered "yes" to 6.7a, please estimate total associated					
	expenses for 2007-09, which should include legal, investigative,					
	personne	el, and ot	her related expenses (in actual dollars).			

6.8 Compared to 2007, how would you characterize patent infringement in China as it related to your firm's products/services in 2009?

Increased over this period
Remained about the same
Decreased over this period
Too short a period to notice any changes
Unknown or not applicable

6.9a Did patent infringement in China affect the number of employees your firm hired in the United States during 2007-09?

	Caused a decrease in your firm's employment of U.S. workers					
	Caused an increase in your firm's employment of U.S. workers					
	No change					
6.9b	If it caused a decrease in your firm's employment of U.S. workers,					
	please estimate the number of those full-time equivalent jobs lost.					
6.9c						
	please estimate the number of those full-time equivalent jobs gained.					

6.10a Did patent infringement in China affect your firm's R&D expenditures in the United States during 2007-09?

	Yes, caused a reduction in U.Sbased R&D expenditures					
	Yes, caused an increase in U.Sbased R&D expenditures					
	No, firm has R&D activities in the United States, but there has been no change in U.Sbased R&D expenditures					
	No, firm does not have R&D activities in the United States					
6.10b	5.10b If it caused a reduction in your U.Sbased R&D expenditures, please estimate the amount (in actual dollars).					
6.10c	If it caused an increase in your U.Sbased R&D expenditures, please estimate the amount (in actual dollars).					

SECTION 7. TRADE SECRETS

7.1 Did your firm experience **material** losses in sales or profits anywhere in the world due to trade secret misappropriation in China during 2007-09?

	Yes, the firm has experienced associated material losses
	No, the firm has NOT experienced associated material losses

₽ <u>INSTRUCTIONS</u> ₽

If you answered "No" to 7.1, proceed to section 8

7.2a Does your firm take steps to maintain proprietary trade secrets as part of its operations in China?

	Yes
	No
7.2b	If you answered "yes" to 7.2a, have these steps been effective?
	Yes
	No

7.3a During 2007-09, was any of your firm's trade secret information misappropriated in China, or in other location by Chinese entities, to compete against you?

	Yes	
	No	
7.3b	If you answered	"yes" to 7.3a, through what avenue(s) were your firm's trade secrets
	misappropriated	in China? Check all that apply.
		Employee use or disclosure
		Employee theft of information and establishment of rival firm
		Joint venture partner use or disclosure
		Information provided to regulatory agency
		Computer hacking
		Corporate espionage
		Unknown
		Other — Specify:

USITC Intellectual Property Rights Questionnaire

		Criminal proceedings			
		Civil proceedings			
		Administrative action			
		Proceeding	Not satisfied	Satisfied	Very satisfied
/. 4 u	proceed	•			
7.4d	If you a	nswered "yes" to 7.4a, how sa	tisfied has your firm	been with the m	sappropriation
		Total estimated amount:		Check here if	unknown
	China d	uring 2007-09 (in actual dollar			
7.4c		nswered "yes" to 7.4a, estimat I from legal proceedings relate			
		Criminal proceedings:			
		Civil proceedings:			
		Administrative action:			
	China d	uring 2007-09.			
7.4b	If you a	nswered "yes" to 7.4a, estimat	e the number of pro	ceedings your fir	m has pursued in
		110			
		Yes No			

7.4a During 2007-09, did your firm pursue any trade secret misappropriation proceedings in China?

7.5a Has your firm lost sales, royalties, license fees, or other income in China, or in markets outside of China, as a result of trade secret misappropriation in China during 2007-09?

		Yes						
		No						
	·							
7.5b	If you an	If you answered "yes" to 7.5a, please estimate the total of such losses during 2007-09 (in						
	actual do	llars).						
		Chinese ma	arket					
	U.S. market							
	All other markets							
	If you cannot differentiate by market, don't enter estimates above							
	and enter total of such losses during 2007-09 (in actual dollars).							

7.6a Has your firm incurred expenses to address the misappropriation of trade secrets in China?

		Yes		
		No		
7.6b	If you answered "yes" to 7.6a, please estimate total associated			
	expenses for 2007-09, which should include legal, investigative,			
	personnel, and other related expenses (in actual dollars).			

7.7 Compared to 2007, how would you characterize trade secret misappropriation in China as it related to your firm's products/services in 2009?

Become a bigger problem
Remained about the same
Become a smaller problem
Too short a period to notice any changes
Unknown or not applicable

7.8a Did trade secret misappropriation in China affect the number of employees your firm hired in the United States during 2007-09?

	Caused a decrease in your firm's employment of U.S. workers			
		Caused an increase in your firm's your employment of U.S. workers		
7.8b	If it caused a decrease in your firm's employment of U.S. workers, please			
	estimate the number of those full-time equivalent jobs lost.			
7.8c	If it caused an increase in your firm's employment of U.S. workers, please			
	estimate the number of those full-time equivalent jobs gained.			

7.9a Did trade secret misappropriation in China affect your firm's research and development expenditures in the United States during 2007-09?

	Yes, caused a reduction in U.Sbased R&D expenditures		
	Yes, caused an increase in U.Sbased R&D expenditures		
	No, firm has R&D activities in the United States, but there has been no change in		
	U.Sbased R&D expenditures		
	No, firm does not have R&D activities in the United States		
7.9b	If it caused a reduction in your U.Sbased R&D expenditures,		
	please estimate the amount (in actual dollars).		
7.9c	If it caused an increase in your U.Sbased R&D expenditures,		
	please estimate the amount (in actual dollars).		

7.10a Does your firm face requirements to disclose confidential data to Chinese regulatory agencies?

	Y	'es	
	□ N	lo	
7.10b	If you answ	vered "yes" to	7.10a, to your firm's knowledge, has the data been disclosed to
	persons outs	side the regul	atory agency?
		Yes	
		No	
7.10c	If you answ	vered "yes" to	7.10a, are you more concerned about data leakage in China than in
	other countr	ries?	
		Yes	
		No	

SECTION 8. INDIGENOUS INNOVATION POLICIES IN CHINA

8.1 Are you aware of China's indigenous innovation policies?

	Yes	
	No	

8.2 Did your firm experience **material** losses in sales or profits anywhere in the world due to China's indigenous innovation policies during 2007-09?

		Yes, the firm has experienced associated material losses
		No, the firm has NOT experienced associated material losses

₽ <u>INSTRUCTIONS</u> ₽

If you answered "No" to 8.2, proceed to section 9

8.3 Please indicate which of the following policy areas are an existing problem for your firm in China. Also indicate whether your firm anticipates the problem to continue. Check all that apply.

		In future (ch	eck one):
		Not expected	Expected
		to be a	to be a
Item	Existing problem	problem	problem
Government procurement policy			
Chinese-specific technical standards			
Subsidies to Chinese competitors not available to			
your firm			
Tax incentives to Chinese competitors not available			
to your firm			
Incentives to Chinese competitors to register patents			
or other intellectual property, or government			
payment for filing fees			
Unequal treatment in enforcing IPR relative to			
Chinese firms			
Preferential lending			
Technology transfer requirements			
R&D requirements in China of your firm or affiliate			
Closure of sector to foreign participation			
Compulsory licensing			
Unequal enforcement of China's anti-monopoly law			
Other — Specify:			

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8.4a Has your firm estimated the amount of lost revenue (realized or potential) that has been, or is anticipated to result from, China's indigenous innovation policies?

	Yes		
	No No		
8.4b	If you answered "yes" to 8.4a, estimate the total lost revenues during 2007-09 (in actual dollars):		

8.5 How do you anticipate that China's indigenous innovation policies will affect your firm's revenue in China by 2015?

Increase revenue by more than 25 percent
Increase revenue between 10 and 25 percent
Increase revenue by less than 10 percent
No material revenue change
Decrease revenue by less than 10 percent
Decrease revenue between 10 and 25 percent
Decrease revenue by more than 25 percent
Unknown

8.6a Have China's indigenous innovation policies influenced the number of full-time equivalent U.S. workers employed by your firm during 2007-09?

	Yes	
	No	
8.6b		s" to 8.6a, indicate the effect on your firm's number of full-time
	equivalent employee	28.
		Increased by more than 25 percent
		Increased by 10-25 percent
		Increased by less than 10 percent
		No change
		Decreased by less than 10 percent
		Decreased by 10-25 percent
		Decreased by more than 25 percent.
		Pleased provide estimate to the nearest 5 percentage
		points here:
		Unknown

		1	Yes	
			No	
8.7b	If you	answ	vered "yes	s" to 8.7a, what are the intended markets for the products developed by
	this Ro	&D?	Check all	that apply.
				China
				United States
				All other markets
8.7c	If you	answ	vered "yes	s" to 8.7a, what type of R&D facility did you have in China as of the end
	of 200	9? Cl	heck all the	hat apply.
				Wholly owned affiliate
				Joint venture
				University partnership
				Contracting arrangement with local Chinese firm
				Other — Specify:

8.7a Does your firm conduct R&D in China?

8.8a Has your firm attempted to sell goods or services to Chinese government ministries or agencies (excluding state-owned enterprises)?

Yes No 8.8b If you answered "yes" to 8.8a, indicate whether your firm has made these sales Yes No 8.8c If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? Much easier Easier Getting worse Much worse Unknown or not applicable Hi you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China				V	
8.8b If you answered "yes" to 8.8a, indicate whether your firm has made these sales 8.8b If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? 8.8c If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? 1 Much easier 2 Easier 3 Easier 3 Getting worse 3 Much worse 3 Unknown or not applicable 8 If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? 4 All of the relevant IP was developed and registered in China					
Yes No 8.8c If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? Much easier Easier Getting worse Much worse Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China				No	
Yes No 8.8c If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? Much easier Easier Getting worse Much worse Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China					
8.8c If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? Much easier Easier Getting worse Much worse Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China	8.8b	If you a	answe	ered "yes	" to 8.8a, indicate whether your firm has made these sales
8.8c If you answered "yes" to 8.8b, how would you characterize the ease of making sales to Chinese government agencies in 2009 as compared to 2004? Image: Image					Yes
Chinese government agencies in 2009 as compared to 2004? Much easier Easier Getting worse Much worse Unknown or not applicable Unknown or not applicable All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					No
Chinese government agencies in 2009 as compared to 2004? Much easier Easier Getting worse Much worse Much worse Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					
Much easier Easier The same Getting worse Much worse Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China	8.8c	If you a	answe	ered "yes	" to 8.8b, how would you characterize the ease of making sales to
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Image: Second system Image: Second system Image: Second					Much easier
Getting worse Much worse Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					Easier
Image: Much worse Image: Much worse Image: Unknown or not applicable 8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? Image: All of the relevant IP was developed and registered in China Image: Some of the relevant IP was developed and registered in China					The same
8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					Getting worse
8.8d If you answered "yes" to 8.8b, do the products and/or services you have sold to Chinese government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					Much worse
government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					Unknown or not applicable
government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					
government ministries or agencies rely on intellectual property developed and registered in China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China	8.8d	If you a	answe	ered "yes	" to 8.8b, do the products and/or services you have sold to Chinese
China? All of the relevant IP was developed and registered in China Some of the relevant IP was developed and registered in China					
Some of the relevant IP was developed and registered in China					
					All of the relevant IP was developed and registered in China
					Some of the relevant IP was developed and registered in China
inone of the relevant if was developed and registered in China					None of the relevant IP was developed and registered in China

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r		
	Ye	5
	No	
8.9b	If you answered '	'yes" to 8.9a, indicate whether your firm has made these sales.
		Yes
		No
8.9c	If you answered '	'yes" to 8.9b, how would you characterize the ease of making sales to
	Chinese state-ow	ned enterprises in 2009 as compared to 2004?
		Much easier
		Easier
		The same
		Getting worse
		Much worse
		Unknown or not applicable
8.9d	If you answered '	'yes" to 8.9b, do the products and/or services you have sold to Chinese
	state-owned enter	prises rely on IP developed and registered in China?
		All of the relevant IP was developed and registered in China.
		Some of the relevant IP was developed and registered in China.
		None of the relevant IP was developed and registered in China.

8.9a Has your firm attempted to sell goods or services to Chinese state-owned enterprises?

8.10a Do you anticipate that your firm will be materially affected by changing Chinese government procurement policies?

		es
		0
8.10b	If you respond	led "yes" to 8.10a, in what way do you anticipate responding? Check all that
	apply.	
		Changing organizational/ownership structure
		Entering into new partnerships with Chinese firms
		Changing sourcing of components
		Withdrawing from the Chinese market
		Changing pricing structure
		Applying for status as Chinese high-tech firm
		Registering patents or other IP in China that were not previously registered
		No actions
		Other — Specify:

8.11a Have there been any proposed or adopted Chinese technical standards that apply to your firm's products or services and that are incompatible with or redundant of widely adopted global standards that your products or services already complies with?

			Yes					
			No					
8.11b	If you answered "yes" to 8.11a, how many of these are mandatory standards that require							
	your	firm	to modif	y its products for sale in C	hina?			
				umber of mandatory				
		stan	dards af	fecting products:	Check here if unknown			
8.11c		If you answered "yes" to 8.11a, was your firm offered the opportunity to participate in the standard-setting process?						
	stan	uard-s	etting pr	Yes				
				Yes, but with observer st	atus only			
				No				
8.11d	If yo	ou ans	wered "y	ves" to 8.11a, has your firm	taken part in the standard-setting process?			
				Yes				
				Yes, but participated as a	n observer only			
				No				
8.11e	If you answered "yes" to 8.11a, does your firm expect those standards to damage your firm's competitiveness in the Chinese market?							
				Yes				
		- H		No				
				INO				
8.11f	If you answered "yes" to 8.11a, does your firm expect those standards to damage your							
	firm's competitiveness in markets outside of China?							
				Yes				
				No				

SECTION 9. OVERALL ASSESSMENT OF IPR AND INDIGENOUS INNOVATION IN CHINA

9.1a Has your firm made any significant strategic changes as a consequence of IPR infringement by Chinese entities or individuals, or as a consequence of China's indigenous innovation policies?

		Yes	3		
		No			
9.1b	If you answered "yes" to 9.1a, then which of the following strategic changes has your firm made as a consequence of IPR infringement by Chinese entities or individuals? Check all that apply.				
	Pro	ductio	n,		
	110		Relocated away from China		
		\exists	Changed product lines in China		
		\exists	Other — Specify:		
	Chi	\square	oint venture partners:		
	Ciii		Changed partners		
		╞			
			Decreased number of partners Reduced interaction with partners		
			Reduced interaction with partners		
		<u> </u>	Enforced greater separation between partners		
	D e-		Other — Specify:		
	Ræ	\square and			
		<u> </u>	Relocated away from China		
		<u> </u>	Changed type of R&D performed in China		
		<u> </u>	Increased R&D to take advantage of indigenous innovation policies		
		<u> </u>	Increased R&D to stay ahead of infringers		
	IDD		Other _ Specify:		
	IPR	enfor	reement:		
			More likely to report IPR infringement to China's administrative authorities		
			More likely to address IPR infringement in China through its courts		
		\exists	More likely to seek criminal prosecutions		
		\exists	Increased efforts on internal control of information		
		\mathbb{H}	Increased efforts to get U.S. government to pressure China		
		\mathbb{H}	Reduced number of patents and rely on trade secrets instead		
		\mathbb{H}	Other — Specify:		
	۸de	uptatio			
	Auc		Strategic price discrimination		
		\mathbb{H}	Strategic price discrimination Shifted sales focus away from China		
		\mathbb{H}	Reduced product price		
			Reduced product price Reduced sales efforts in, or abandoned completely, third country markets		
			where infringing Chinese products are prevalent		
			Leveraged brand familiarity generated by IPR infringers to gain customers		
	T., 1		Other — Specify:		
	Indi		us innovation:		
		<u> </u>	Less aggressive about selling in China		
			Less frequent bidding for government contracts		
			Other — Specify:		

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9.2a Have you experienced discriminatory treatment in connection with obtaining, commercializing, or enforcing IPR in China?

	Yes No
9.2b	If you answered "yes" to 9.2a, please explain briefly. Please don't use the "enter" key in your responses.

SECTION 10. OTHER INFORMATION

10.1 If you would like to describe any other IPR concerns related to infringement associated with Chinese entities or China's indigenous innovation policies, use the space below. This description may include more information on the effects of infringement in "other IPR" categories (e.g., plant variety protection, semi-conductor mask works/layout design, or proprietary data protection) by Chinese entities that may have an impact on your firms' sales and enforcement costs. Also, if you would like to elaborate on any of your other responses, or provide any additional pertinent information, use the space below. Please indicate if the additional information applies to a specific question number. If the information is general in nature, leave "Question no." column blank. Please don't use the "enter" key in your responses.

Question no.	Additional information