Application of machine translation system in JPO

August 29, 2009

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JPO Japan Patent Office Approac	ches for Improve	d Translation Result			
APAN		Replacement of MT engine			
Technical term &	P dictionaries				
	Before Mar. 2009	<u>After Apr. 2009</u>			
Technical Term dictionaries	1.83 million words	2.50 million words			
Total number of IP terms	100,000 words	200,000 words			
Translation memories					
Before Mar. 2009 Industrial Prope	Before Mar. 2009 Industrial Property terms: 6,000				
After Apr. 2009					
Industrial Prope	Industrial Property terms: 20,000				
Basic terms / Bu	Basic terms / Business terms: 150,000				
Technical Terms (Chemical / Mec	nobile / electronics)				
		Excerpt from brochure of the product			



JPO Japan Patent Off	fice	Optimization Plan			
Sapa S	Multi-Lingual Machine Translation				
R	The JPO co	onducted research on	the development of the development of the development of the second seco	e next-generation	
	Evaluation of the effectiveness of the two translation methods (Keyword translation, Contents translation)				
	Evaluation of translation results (Korean-Japanese, Chinese-Japanese)				
	<u>Korean-Japanese</u> →Translated sentences are fairly understandable. (practicable level) <u>Chinese-Japanese</u> →Further development is needed. (especially, enrichment of the dictionaries)				
l I r	Types of Dictionary	Chinese	English	Remarks	
	Basic Vocabulary	250 thousand words	1.03 million words	Chinese are 1/4 th of English words	
	Technical Term	238 thousand words	2.72 million words	Chinese are 1/10 th of English words	
	Automatically registered words	1300 words	_	-	



JPO Japan Patent Office	IP5 Foundation Projects
	IP5 Foundation Projects tual Machine Translation (lead: KIPO) To help the offices overcome the language barrier of patent information and allow greater access to each other's patent information. P5 Foundation Projects Common Documentation Database (lead: EPO) Common Approach for a Hybrid Classification (lead: EPO) Common Approach for a Hybrid Classification (lead: EPO) Common Application Format (lead: JPO) Common Access to Search and Examination Results (lead: JPO) Common Training Policy (lead: KIPO) Mutual Machine Translation (lead: KIPO) Common Rules for Examination Practice and Quality Control (lead: SIPO) Common Statistical Parameter System for Examination (lead: SIPO) Common Approach to Sharing and Documenting Search Strategies (lead: USPTO) Common Search and Examination Support Tools (lead: USPTO)