WIPO-UPOV/SYM/03/7 ORIGINAL: English DATE: October 13, 2003



INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

WIPO-UPOV SYMPOSIUM ON INTELLECTUAL PROPERTY RIGHTS IN PLANT BIOTECHNOLOGY

organized by the World Intellectual Property Organization (WIPO)

and the International Union for the Protection of New Varieties of Plants (UPOV)

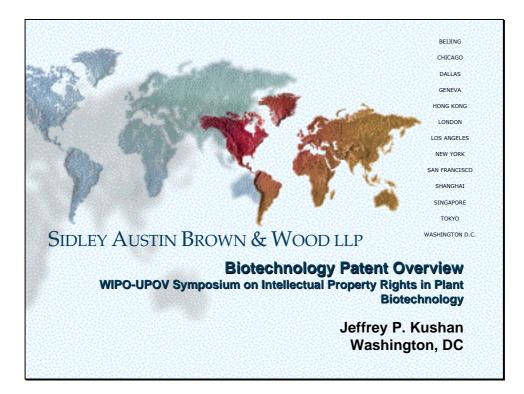
Geneva, October 24, 2003

BIOTECHNOLOGY PATENT OVERVIEW

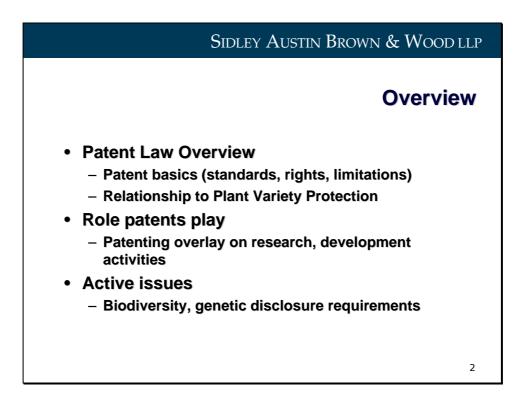
Mr. Jeff Kushan, Attorney, Sidley, Austin, Brown & Wood, Washington D.C.



WORLD INTELLECTUAL PROPERTY ORGANIZATION

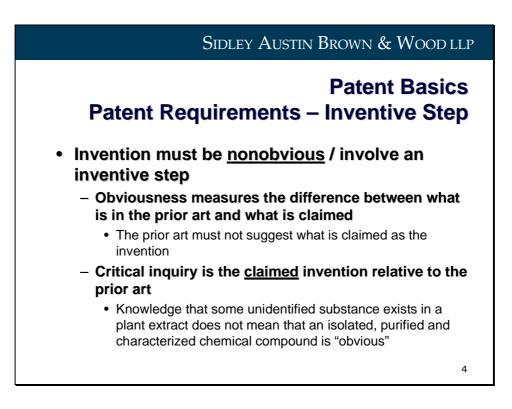


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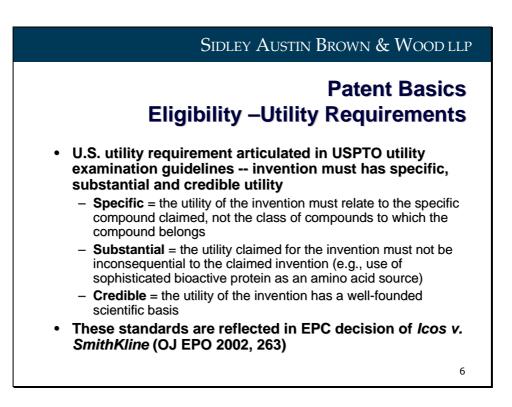


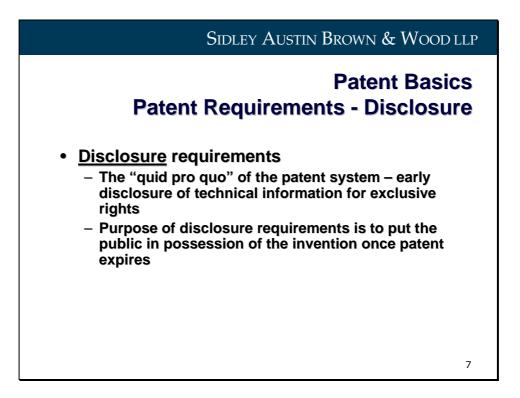
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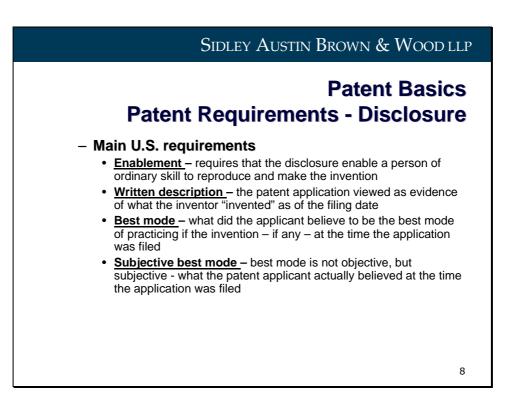
Sidley Austin Brown & Wood llp
Patent Basics Patent Requirements - Novelty
 Invention must be <u>novel</u> (new) over the prior art
– Novelty
 The claimed invention has not been disclosed in the "prior art" (before the filing of the patent application)
 Identity between claimed invention and subject matter in prior art is required
 Prior art
 Publicly accessible information captured in a form that can be found by scientists in the field
 Information must be publicly accessible and the date of its disclosure must be able to be proven
3



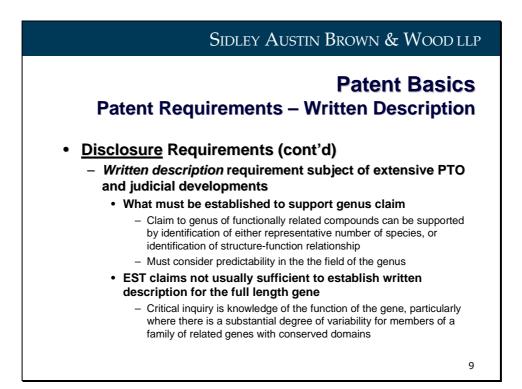
Sidley Austin Brown & Wood llp
Patent Basics Patent Requirements - Utility
 Invention must be "<u>useful</u>" / industrially applicable
 U.S. uses a more general standard
 Invention must have "practical utility" (real world use) or application in any field or industry, including agriculture
– EPC
 Articulates broad eligibility but then identifies certain types of inventions that do not have an industrial application
 Both standards differentiate abstract ideas, laws of nature, unapplied concepts from patentable inventions
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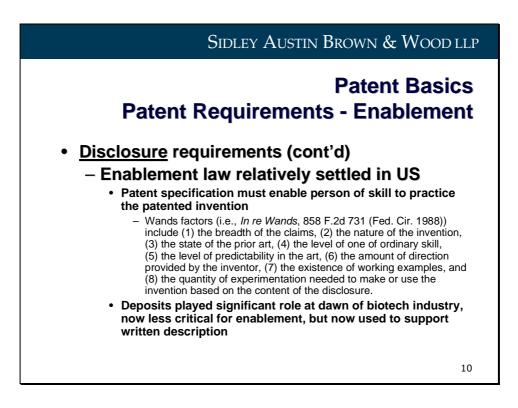


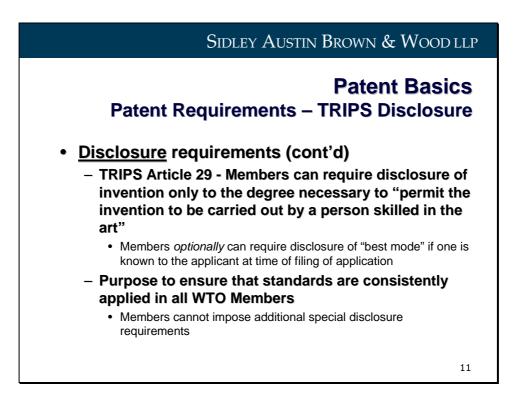


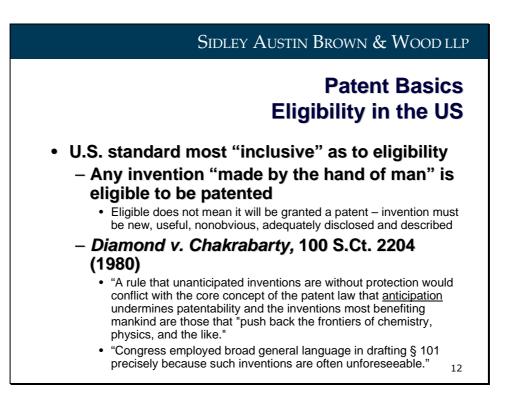


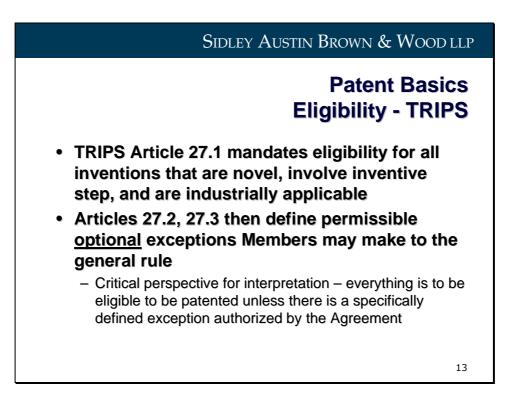
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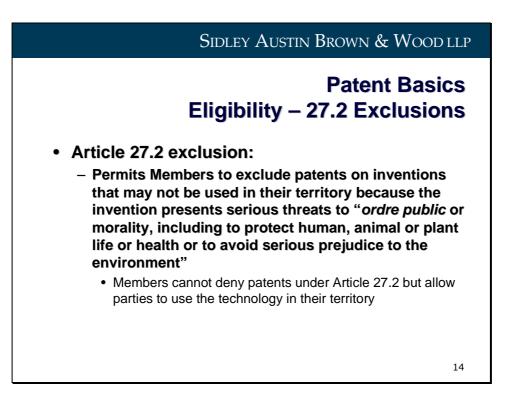


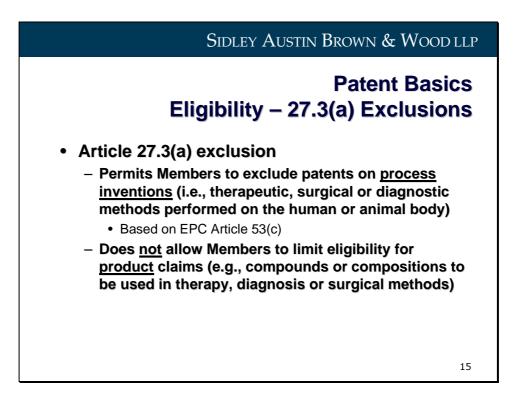


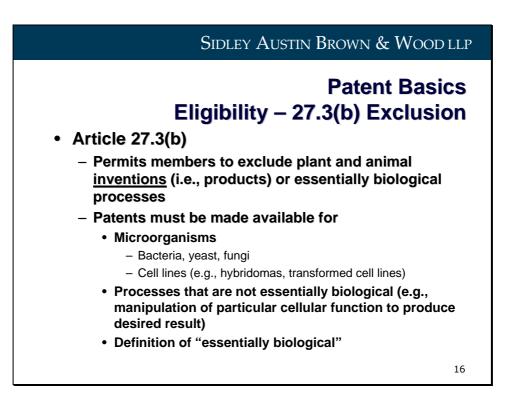




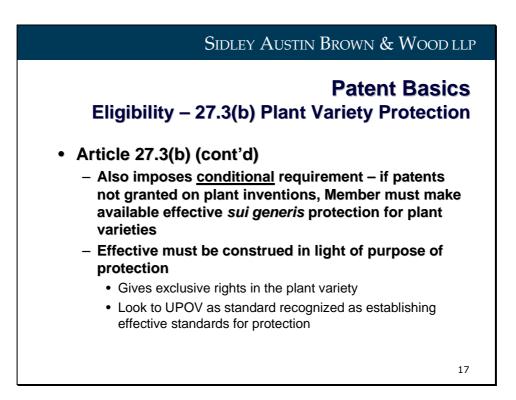


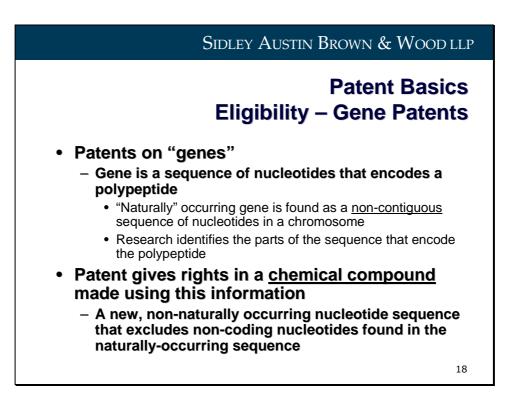


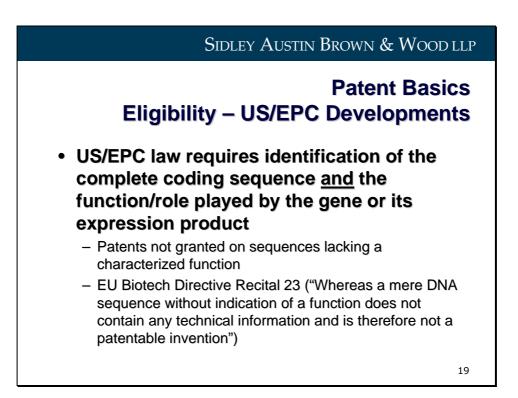


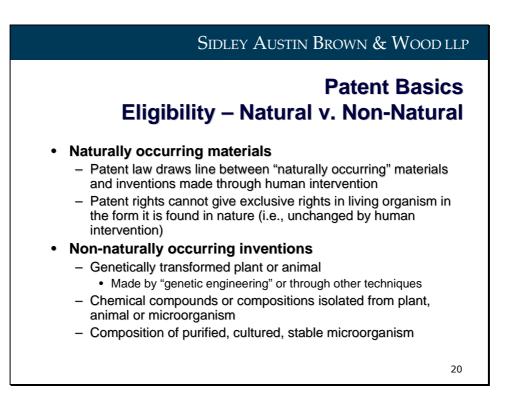


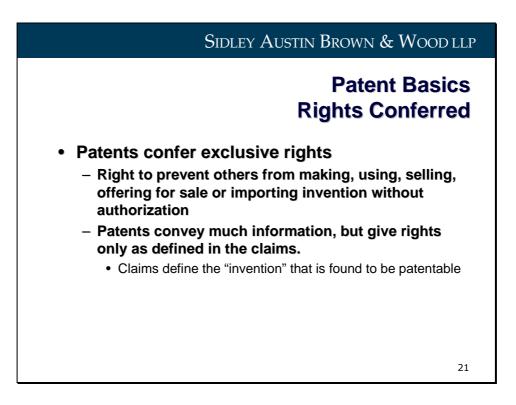
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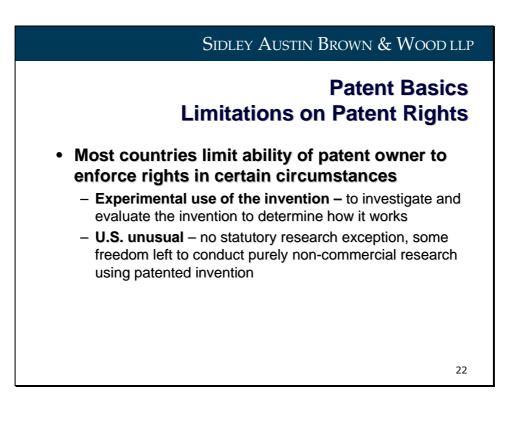


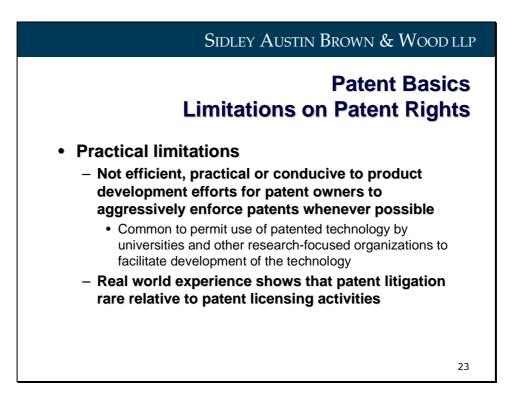






Slide 22



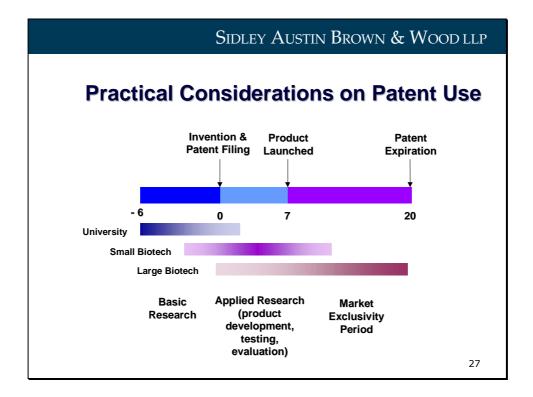


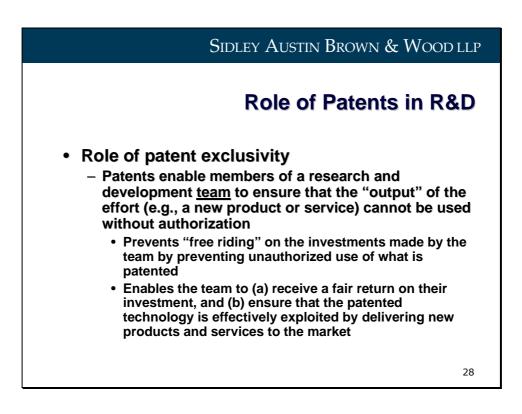
Sidley Austin Brown & Wood Patent versus Plant Variety Protecti Requiremer		
Patent	Plant Variety Protection	
Novel Useful/Industrially applicable Non-obvious/inventive step Adequately described in the application	Novel Stable Distinct Uniform Application to be filed but not substantive	

SIDLEY AUSTIN BROWN & WOOD Patent versus Plant Variety Protection Rights Conferre		
Patent	Plant Variety Protection	
Prevent unauthorized making, using, selling, offering for sale or importing of patented invention	Prevent production or reproduction (multiplication), conditioning for the purpose of propagation, offering for sale, selling or other marketing, exporting, importing, stocking for any of these purposes	
Rights exist with respect to what is defined by the claims of the patent	Rights in propagating material, in harvested material and products derived from the harvested material	

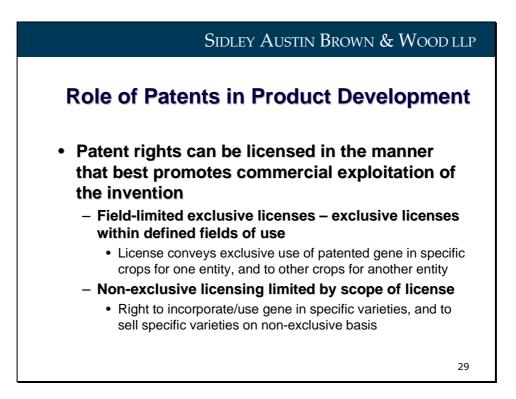
	Austin Brown & Woor ant Variety Protect Exceptio
Patent	Plant Variety Protection
TRIPS Article 30 – uses that do not unreasonably conflict with the legitimate rights of the patent owner, taking into account those of third parties <i>Generally</i> – experimental use that does not have clear commercial implication	Mandatory exceptions permit use of propagating material for (i) private, non-commercial use, (ii) research on the protected variety, (iii) to produce a new variety. Optional exception to permit farmers to use harvested material from their plantings for future planting on their holdings.

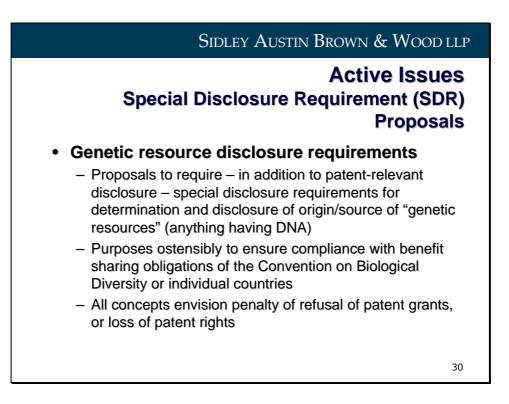
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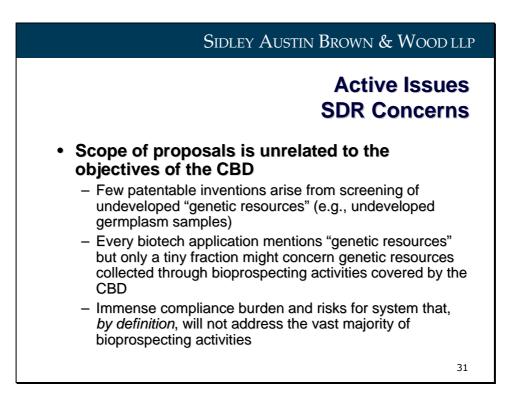


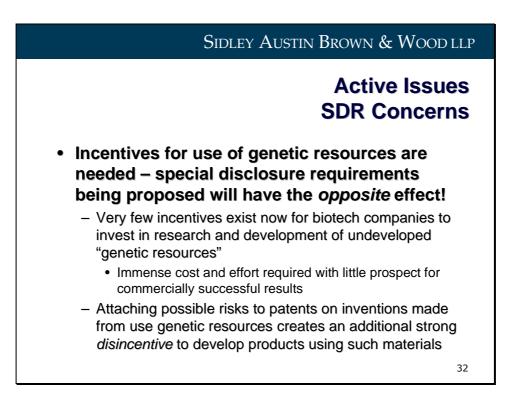


Slide 29

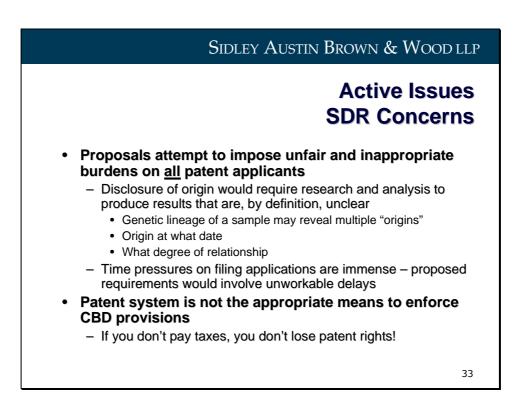


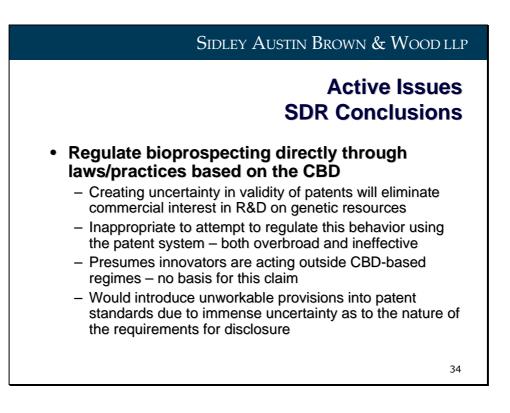






Slide 33





Slide 35

Sidley Austin Brown & Wo	OOD LLP
Questi	ons?
 Please send questions to: 	
Jeffrey P. Kushan Sidley Austin Brown and Wood LLP 1501 K Street, N.W. Washington, D.C. 20005 <u>ikushan@sidley.com</u> 202-736-8914 (ph), 202-736-8711 (fax)	
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