



**Technology Transfer :Successful Cases
and Challenges in the Region
from
Kasetsart University
Thailand**

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Office of the President

*At WIPO regional seminar on technology transfer by university and public
research institutions through the strategic use of the patent system
Colombo, Sri Lanka, December 9 to 11, 2009*

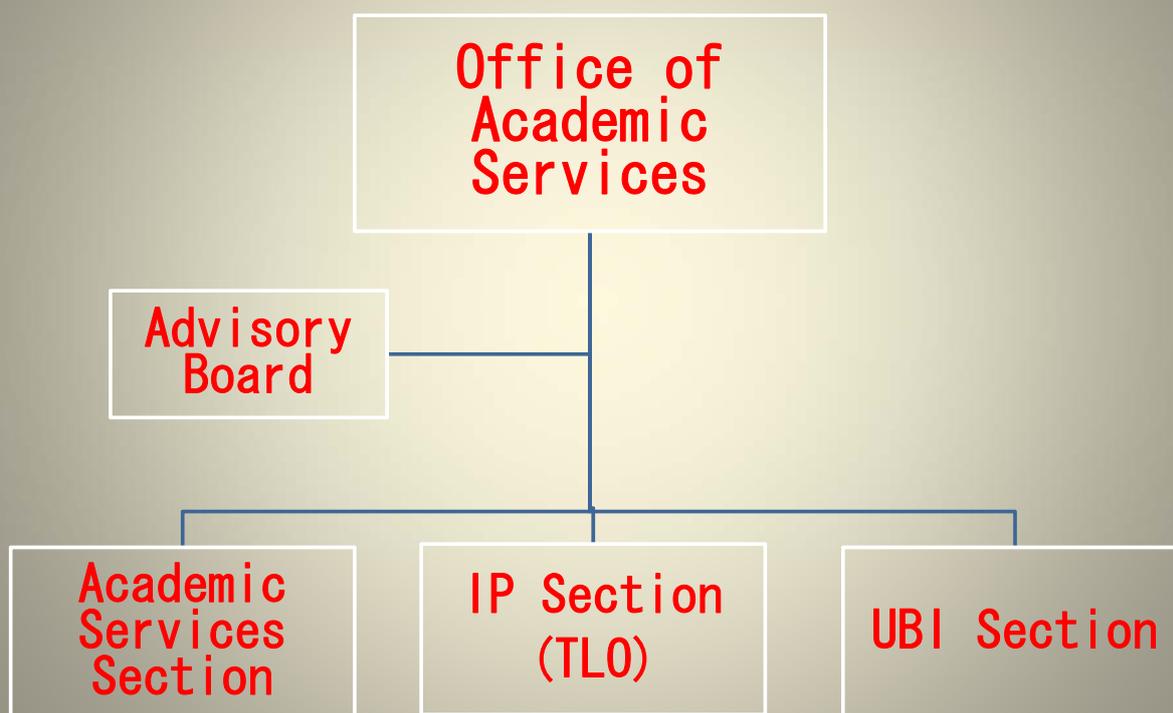


Kasetsart University

- The first University in Thailand that conferred degree in agriculture
- Comprehensive University with 4 campuses and 15 research stations
- National Research University



Kasetsart University Technology Licensing Office



Number of Kasetsart University Intellectual Property Licensing

As of Nov.09

IP Type	Application Filing	Granted
Patent	148	23 (2 US Patent)
Petty Patent	37	51
Copyright	2	21
total		187

Remark : Commercialize 10 contracts / 4.4m.baht



2 US Patents

- Pepper seed Polishing Machine
- Non- synthetic biodegradable starch-based composition for production of shaped bodies

Successful Case

Local IP

Protection

New Dietary Supplement Product :
Freeze Dried Crocodile Blood Capsule

Source of Materials :

Siamese crocodiles, one of economic animals of Thailand

Incubated in the UBI Kasetsart University

Local IP Protection

Successful Case Local IP Protection

Dried crocodile blood capsule	
Type of Product	supplement food
Source of Materials	Siamese crocodiles, one of economic animals of Thailand
Opportunities	<ul style="list-style-type: none"> • Asian people traditionally believe that crocodile blood can served as medicines for curing illness and prolong life. • Several reports showed that the crocodile blood has ability to inhibit bacterial growth in vitro. • The experiment rats in this research can evaluate the safety of crocodile blood as food supplement. • Thailand is the biggest crocodile farming.
Market	Thailand, China, Japan, Korea
Awareness	<p>Local IP Protection</p> <p>➤ Branding, goodwill and materials (crocodile blood) is very important.</p>

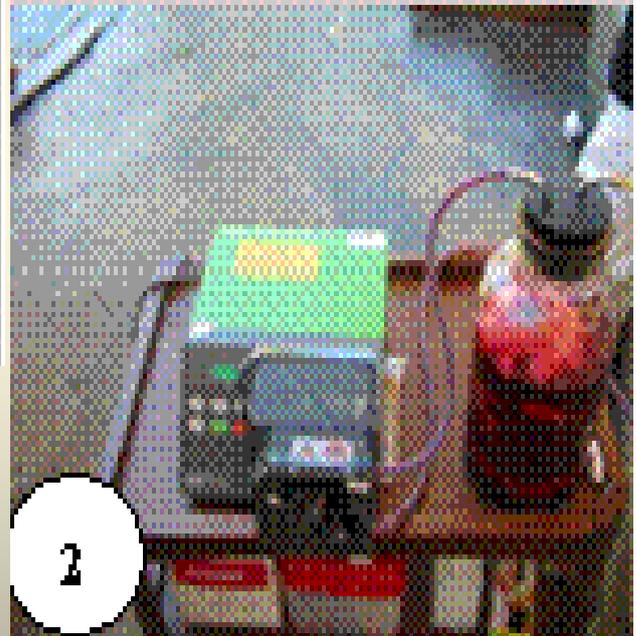


New Dietary Supplement Product : Freeze Dried Crocodile Blood Capsule

Creation	1999-2006	Research on efficiency of Siamese crocodile blood.
	2007	Mass crocodile blood collection
Protection	2006	Local patent filing application
	2007	Mass collection and freeze drying process Local petty filing application
	2008	Crocodile blood collection
Management	2008	Contract farming
	2009	Expand related R&D to cover more prevention and curing in human being.
Exploitation	➤ 2009	<p>Start company by contracted farm</p> <p>Incubated in KU UBI</p> <p>IP licensing</p> <p>Approved standard by The Food and Drug Administration Thailand</p>

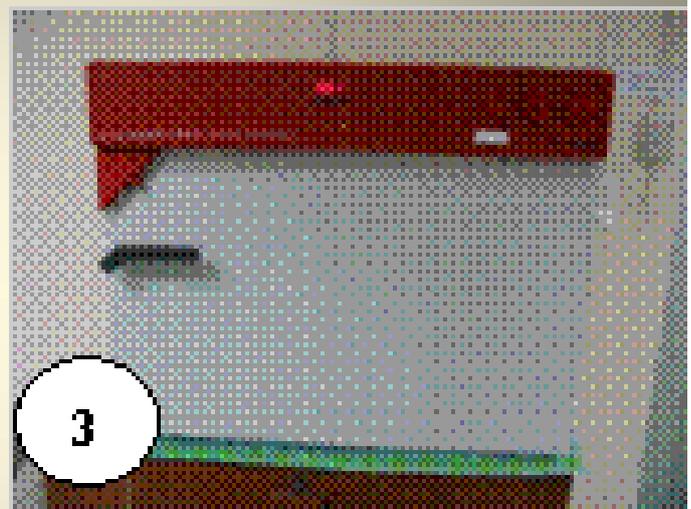
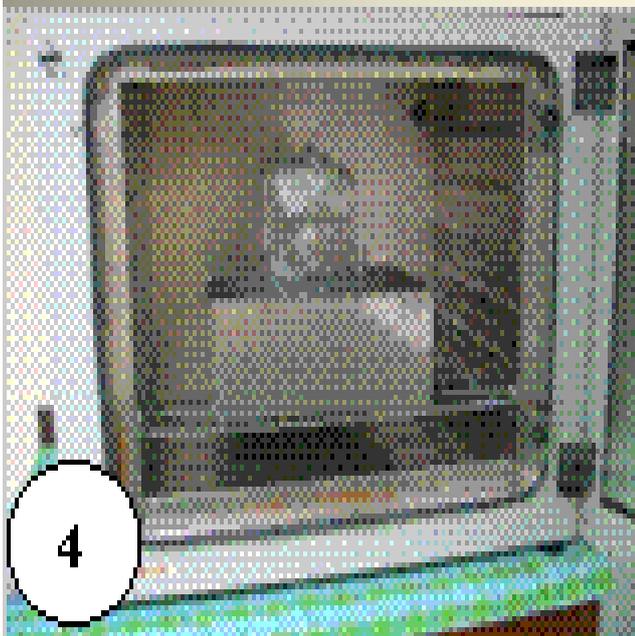


Collecting crocodile blood



TLOKU

Freeze drying process

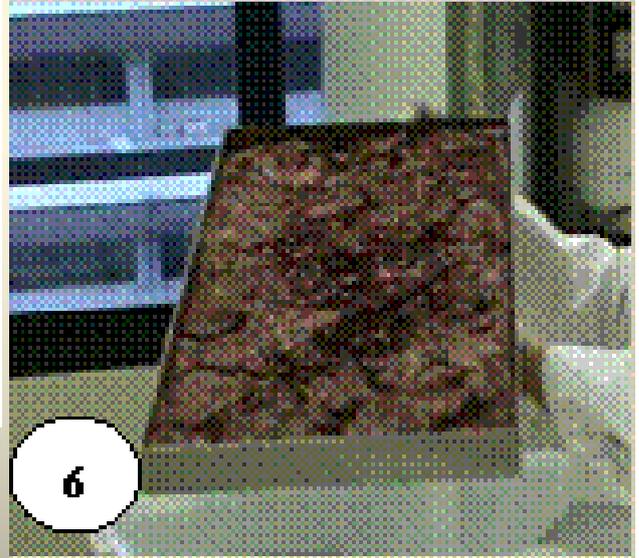


Freeze drying process



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Dried crocodile blood capsule



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Signing Agreement for technology transfer between KU and Wanithai Limited Partnership

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Thank you for your attention

