本資料為機密資料,經 許可查閱者,需盡保密 之義務。

元智大學發明專利構想揭露書

本表經 91.01.15 研發會議討論 94.11.04 94(1)研發成果評量委員會通過 94.11.15 94(2)研發成果評量委員會修正通過 95.02.16 94(7)研發成果評量委員會修正通過 95.07.25 94(15)研發成果評量委員會修正通過 95.09.19 95(3)研發成果評量委員會修正通過 96.01.24. 95(15)研發成果評量委員會修正通過 96.07.12 95(25)研發成果評量委員會修正通過 97.01.09 96(9)研發成果評量委員會修正通過 100.10.18 100(3)研發成果評量委員會修正通過 101.01.13 100(7)研發成果評量委員會修正通過 101.11.28 101(3)研發成果評量委員會修正通過 102.06.03 101(9)研發成果評量委員會修正通過 102.12.20 102(8)研發成果評量委員會修正通過 103.03.16 103(10) 研發成果評量委員會修正通過 104.09.09 104(1) 研發成果評量委員會修正通過 107.04.26 106(12) 研發成果評量委員會修正通過 107.08.27 107(1) 研發成果評量委員會修正通過 108.06.03 107(10) 研發成果評量委員會修正通過

申請日期: 年 月 日 案號: (由研發處填寫)

申請專利各階段費用及其他必要費用(含專利代理人費用及其他依法令應繳納之專利規費), 分攤原則依據「<u>元智大學研發成果與技術移轉管理施行細則</u>」辦理:

- (一)科技部計畫衍生發明專利者,扣除科技部補助後,由本校負擔60%、發明人負擔40%。
- (二)一般產學合作計畫衍生發明專利者,應以契約明定費用的分攤方式。專利申請人或專利權人非本校者,創作人仍應檢附專利構想揭露書經研發成果評量委員會核備。
- (三)自行研發或無任何機關補助的發明專利申請者,由本校負擔60%、發明人負擔40%。
- (四)發明人非首次申請,於申請提出時,近3年內未有產學計畫、技術移轉或專利授權於校內立案者,則由本校負擔40%、發明人負擔60%。
- (五)除發明專利外,其他型式之專利均不予以補助。

專利各階段費用說明(以中華民國為例)

- 1.申請費:委任事務所服務費+中華民國規費約 30,000-40,000 元。
- 2.申復、補正及再審費等費用(科技部計畫衍生專利以3次為限):委任事務所服務費(依事由情節輕重收費;再審需加付中華民國規費);每次OA(Office Action)約莫5,000-30,000元。 3.領證及1-3年年費:委任事務所服務費+規費6,100元。

其他國別,可請委任事務所協助報價,以供提出之參考。

本揭露書所蒐集之個人資訊,將僅作為本次申請之用,並由校方保存。

1.研發成果名稱	(中文)	
	(英文)	
2.校內申請人	姓名	聯絡電話
	所屬單位	職稱
	第一順位	聯絡電話
3.聯絡人	第二順位	聯絡電話
	各項權益分配及相關通知,本校僅通知	上述相關聯絡人,聯絡人應負義務協助轉悉。

4.申請案產出來	申言	請人務	必確認	忍產出	來源,	以保障	本校村	雚益。			
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	0:	●:若為多項計畫共同產出,以最主要計畫來源作為認定標準,並請附合約書影本;如為科技部計畫產出,請附計畫核定清單乙份。									
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研發成果發明人兩人以上需簽署「元智大學研發成果發明人權益收入分配協議書」。 名 聯絡電話 姓 1服務單位 職 稱 計畫擔任職務 電子郵件 姓 名 聯絡電話 2服務單位 職 稱 計畫擔任職務 電子郵件 姓 名 聯絡電話 3 服務單位 職 稱 計畫擔任職務 電子郵件 姓 名 聯絡電話 4服務單位 職 稱 計畫擔任職務 電子郵件 8.發明人 姓 名 聯絡電話 5 服務單位 職 稱 電子郵件 計畫擔任職務 姓 名 聯絡電話 6 服務單位 職 稱 計畫擔任職務 電子郵件 姓 名 聯絡電話 7服務單位 職 稱 電子郵件 計畫擔任職務 姓 名 聯絡電話 服務單位 職 稱 8 電子郵件 計畫擔任職務

	1.申請理由請就(1)國內外企業界實施可能性(2)國內外企業授權可能性(3) 國內外交互授權之可能性市場規模與銷售政策間之關聯性等填寫。 2.國外申請案需另填寫「元智大學國外申請效益評估說明書」。
	●申請
	②申請
9.申請國別請由 (請依申請之 優先順序填寫)	之理由
	申請
	⑤ 申請

10.公開揭露紀錄	為維持創新內容之新穎性及機密性,建議如非必要,請勿在專利申請前,公開發表與該申請案相關之核心技術與資料。 □是,公開情況: □否,預計公開: □否,尚無公開計畫。 如已公開或預計公開,請確實註明公開情況、公開發表時間及場所
11.關鍵字	(中文) (英文)
12.中文摘要	
13.英文摘要	

	(1)已檢索之專利資料(請就相關研發領域中,檢索目前中華民國、美國及中國大陸已核准申請之專利資料至少 20 筆以上,申請國別之專利檢索資料至少5筆以上,且請以專利技術功效表方式陳述)
14.相關技術先前 調查	(2)相類似技術或學術研究報告(請就相關研發領域中,檢索目前是否有相關技術或發明被公開或發表於刊物、會議、公開之展覽會等,請註明其已公開發表之出處、時間、場所)
	(3)習知技術(或現有技術)內容及缺失簡要說明
	請就(1)本技術創作目的及領域(2)欲解決之問題及其技術特點(3)與現有技
15.申請特色	請就(1)本技術創作目的及領域(2)飲胖洪之问題及具技術行為(3)與現有技術比較之優點

16.產業應用性		□電腦及週邊產業□通訊產業□光電產業□精密機械產業□運輸工具產業□機械設備製造業□製藥工業□農藥工業□生物技術產業□食品製造業□化學材料製造業□化學製品製造業□石油及煤製品製造業□橡膠製品製造業□金屬製品製造業□非金屬製品製造業□紡織業□出版業□營建業□顧問諮詢業□環境檢測□印刷電路版□積體電路產業□其他
17.成熟度評估	□能立即量產化 □實驗室階段中	□試量產中 □完成實驗室階段 □概念、原形 □僅基礎研究中
18.是否有企業願 意負擔專利申 請費用	□國內:□國外:	比例: 比例:
19.是否有企業有意願技轉	□國內:□國外:	
20.較佳實施例說明	請至少舉出一項關識者能了解其內容	於本發明之最佳實施例,使所屬技術領域中具有通常知並可據以實施。

21. 欲 保 護 範 圍 (Claim)	創新、進	步性或功效 利,建議撰	等獨特	技術部份	,得以往	亍使排除	他人侵權	2.比較,具有, 及請求提供 ,並提供其
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元智大學國外申請效益評估說明書

申請國家	□美國 □日本 □歐盟 □其他國家								
	該申請國家之相關產業現況與瓶頸:								
該國相關產業市場分析	本創作技術與申請國家相關技術之差異性:								
	本創作技術於該國家相關產業的同業競爭優勢:								
	本創作技術於該國家潛在(洽談中)授權廠商:□有(請續填) □無 企業(機構)名稱:								
本創作於該國 家之推廣價值 與申請該國專 利之需求	聯絡人: 連絡電話: 授權項目:								
	預估產值:萬元 計算原則說明:								
	其他有利於申請該國專利之理由:								

Yuan Ze University Invention Disclosure Statement for Patent Applications

Jan 15, 2002	Discussed at the R&D Meeting
Nov 4, 2005	Approved at the 1st R&D Results Evaluation Committee Meeting, Academic Year 2005
Nov 15, 2005	Revised and approved at the 2nd R&D Results Evaluation Committee Meeting, Academic Year 2005
Feb 16, 2006	Revised and approved at the 7th R&D Results Evaluation Committee Meeting, Academic Year 2005
Jul 25, 2006	Revised and approved at the 15th R&D Results Evaluation Committee Meeting, Academic Year 2005
Sep 19, 2006	Revised and approved at the 3rd R&D Results Evaluation Committee Meeting, Academic Year 2006
Jan 24, 2007	Revised and approved at the 15th R&D Results Evaluation Committee Meeting, Academic Year 2006
Jul 12, 2007	Revised and approved at the 25th R&D Results Evaluation Committee Meeting, Academic Year 2006
Jan 9, 2008	Revised and approved at the 9th R&D Results Evaluation Committee Meeting, Academic Year 2007
Oct 18, 2011	Revised and approved at the 3rd R&D Results Evaluation Committee Meeting, Academic Year 2011
Jan 13, 2012	Jan 13, 2012 Revised and approved at the 7th R&D Results Evaluation Committee Meeting, Academic
	Year 2011
Nov 28, 2012	Nov 28, 2012 Revised and approved at the 3rd R&D Results Evaluation Committee Meeting,
	Academic Year 2012
Jun 3, 2013	Jun 3, 2013 Revised and approved at the 9th R&D Results Evaluation Committee Meeting, Academic
	Year 2012
Dec 20, 2013	Dec 20, 2013 Revised and approved at the 8th R&D Results Evaluation Committee Meeting, Academic
	Year 2013
Mar 16, 2014	Mar 16, 2014 Revised and approved at the 10th R&D Results Evaluation Committee Meeting, Academic Year 2014
Sep 9, 2015	Sep 9, 2015 Revised and approved at the 1st R&D Results Evaluation Committee Meeting, Academic
	Year 2015
Apr 26, 2018	Apr 26, 2018 Revised and approved at the 12th R&D Results Evaluation Committee Meeting, Academic
	Year 2017
Aug 27, 2018	Aug 27, 2018 Revised and approved at the 1st R&D Results Evaluation Committee Meeting, Academic
	Year 2018
Jun 3, 2019	Jun 3, 2019 Revised and approved at the 10th R&D Results Evaluation Committee Meeting, Academic
	Year 2018

The apportionment principle of the apportionment principle for the costs of each stage of patent application and other necessary expenses (including patent agent fees and other patent fees payable in accordance with laws and regulations) shall be handled in accordance with the "Implementation Rules for the Management of R&D Achievements and Technology Transfer of Yuan Ze University":

- (1) If the Ministry of Science and Technology plans to derive an invention patent, after deducting the subsidy from the Ministry of Science and Technology, the school will bear 60% and the inventor will bear 40%.
- (2) For invention patents derived from general industry-academia cooperation projects, the cost shall be apportioned in the contract. If the patent applicant or patentee is not the university, the creator should still submit the patent concept disclosure form for approval by the R&D Achievement Evaluation Committee.
- (3) For invention patent applicants who develop their own research or do not have any government subsidies, the school will bear 60% and the inventor will bear 40%.
- (4) If the inventor is not applying for the first time, and there is no industry-academia plan, technology transfer, or patent authorization filed on campus within the past 3

years at the time of application, the school will bear 40% and the inventor will bear 60%.

(5) Except for invention patents, patents of other types will not be subsidized.

Explanation of Fees at Each Stage of Patents (Taking the Republic of China as an Example)

- 1. Application fee: appointing office service fee + Republic of China fee of about 30,000-40,000 yuan.
- 2. Fees for application, correction, and reexamination (the Ministry of Science and Technology plans to apply for derivative patents up to 3 times): Service fees for appointing a firm (charged according to the severity of the circumstances; Retrial requires additional fees of the Republic of China); Each OA (Office Action) is about 5,000-30,000 yuan.
- 3. Certificate collection and 1-3 years annual fee: appointing office service fee + fee of NT\$6,100. For other countries, you can ask the appointed firm to assist in quoting for reference.

The personal information collected in this disclosure will only be used for this application and will be kept by the university.

	<u> </u>						
1.Name of	(Chinese)						
R&D	(English)						
achievement							
2. On-campus	Name		Contact number				
applicants							
аррпеантя							
	Affiliated		Job Title				
	Unit						
	First place		Contact number				
3. Contact							
person	Second		Contact number				
	place		Contact number				
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		•	-mentioned relevant contact person	ons, and the contact			
	person shall b	e obliged to assist in for	warding them.				
4. The source	Applicants	must confirm the so	ource of output to protect th	ne rights and			
of the output	interests of the school.						
of the	□ Planned outputs (please specify in paragraph 5) □self-developed						
application	□others						
	Patent	□Yuan Ze Univers	•	_%			
	Ownership □ project partners_%						

	8	□ others %								
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		service charge)								
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		•		ects, the ownership and revenue-						
		sharing ratios of th	e R&D re	esults shall be determined based on						
		the funding propor	tions app	roved by MOST, with rounding						
		applied to the near	est whole	number. For other MOST-funded						
		projects in which a	ll R&D re	esults are wholly owned by the						
		University, no entr	y is requi	red.						
			•	ltiple projects, the primary project source						
				y of the contract shall be attached. For						
				of the approved project list.						
				ion shall not be listed as the output of any						
		which it does not belon	_							
		=		refer to the "R&D Result Ownership" section						
	or the approve	a project fist. For other pro	ojects, comp	blete according to the relevant provisions of the						

		signed contract									
		4: If the R&I) resu	lts belong to an int	ternal	Univ	ersity center or an in	nternal special project,			
		approval from	the h	ead of the affiliated	d unit	is req	uired before submi	tting the application.			
							ing ratios for fees (a				
		examination fe	e, pa	tent grant fee, and	maint	tenanc	ce fee) between the	University and the			
		collaborating/funding units.									
		Republic of China									
	,	□the United States									
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		□ similar te	chni	cal or academi	c res	searc	h reports, total_	(Referred to in			
		Item 14.2 o	f thi	s Table)							
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Two or mor	·e	inventors o	f R8	&D achievemer	ıts n	eed t	o sign the ''Yua	an Ze University			
R&D Achie	V	ement Inver	ntor	Equity Income	e Dis	tribu	ition Agreemen	nt''.			
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		1. Reason for Application: Please provide an explanation addressing:			
	(1) The feasibility of implementation by domestic and international				
	(3) The potential for cross-licensing domestically and internationally,				
	33 44 55 66	3 service units plan to hold a position Name 4 service units plan to hold a position Name 5 service units plan to hold a position Name 6 service units plan to hold a position Name 7 service units plan to hold a position Name 8 service units plan to hold a position Name 1 service units plan to hold a position Name 1 service units plan to hold a position Name 1 service units plan to hold a position Name 1 service units plan to hold a position 1 Reason for A (1) The feasib enterprises; (2) The likelih	Name Service units plan to hold a position Name 1. Reason for Application: Please (1) The feasibility of implementa enterprises; (2) The likelihood of licensing to	Name Contact number	

	including the relationship to market size and sales strategies.				
	2. For foreign patent applications, a separate <i>Yuan Ze University Foreign</i>				
	Application Benefit Assessment Statement must be completed.				
	• Application The reason for the country				
9. Country of	•				
Application					
(Please fill in according to	2 Application				
the order of	The reason for the country				
application					
priority)					
	3 Application				
	The reason for the country				
	4 Application				
	The reason for the country				

	6 Application The reason for the country			
	To maintain the novelty and confidentiality of the innovative content, it is recommended that core technologies and data related to this patent application not be publicly disclosed prior to filing, unless necessary. Yes, disclosure status: No, planned disclosure: No, no disclosure planned. If already disclosed or planned for disclosure, please clearly indicate the disclosure status, the date of public disclosure, and the venue.			
11. Keywords	(Chinese)			
12. Chinese abstract				

13. Abstract in English	
14. Prior	 (1) Searched Patent Data: Please provide at least 20 approved patents in the relevant R&D field from Taiwan, the United States, and China. For each country of application, provide at least 5 patent search results. Present the information in the form of a Patent Technology Efficacy Table. (2) Similar Technologies or Academic Research Reports: Please investigate whether any related technologies or inventions have been disclosed or
investigatio n of related technologie s	R&D field. Specify the source, date, and venue of any publicly disclosed
	(3) Known Technologies (or Existing Technologies) and Summary of Deficiencies: Provide a brief description of the existing technologies and highlight their limitations.

15. Application features	 Please provide the following information: Purpose and Field of the Technology: Describe the objective and the technical field of this invention. Problems to be Solved and Technical Features: Explain the issues the invention aims to address and its technical characteristics. Advantages Compared to Existing Technologies: Outline the benefits and improvements of this technology over existing solutions. 			
16. Industrial applicability	Application Fields and Industry Categories (multiple selections allowed, up to five items) Product Name or Scope of Technological Application Utilizing This Invention	□ Computer and Peripheral Industry □ Telecommunications Industry□ Precision Machinery Industry □ Transportation Equipment Industry□ Machinery and Equipment Manufacturing□ Pharmaceutical Industry □ Pesticide Industry□ Biotechnology Industry □ Food Manufacturing Industry□ Chemical Materials Manufacturing□ Chemical Products Manufacturing □ Petroleum and Coal Products Manufacturing □ Rubber Products Manufacturing□ Metal Products Manufacturing□ Non-Metallic Products Manufacturing □ Textile Industry□ Publishing Industry □ Construction Industry□ Consulting Services □ Environmental Testing□ Printed Circuit Board Industry□ Integrated Circuit Industry□ Others		

	•					
17. Maturity	□ Ready for immediate mass production					
Assessment	☐ Trial mass production underway ☐ Laboratory phase completed					
	☐ In laboratory stage	□ Concept / Protot	ype [Basic research only		
18. Is there a	□ Domestic:	P	roportio	ons:		
company willing to afford the patent	□ Abroad:	P	roportio	ns:		
application ?						
Please pay a fee						
19. Whether	□ Domestic:					
the company is willing to transfer technology	□ Abroad:					
20. Better embodime nt	Please provide at least on person skilled in the relevimplement it accordingly.	ant technical field ca				
İ						

21. Scope of Protection (Claim)

Please list the comparisons of this technology with known technologies in terms of methods, structures, devices, shapes, compositions, or components, highlighting the unique technical aspects that demonstrate novelty, inventiveness, or efficacy. These unique aspects may form the basis for exercising exclusive rights to prevent infringement and claim damages. It is recommended that the description be drafted in accordance with the relevant provisions of the *Patent Act of the Republic of China (Taiwan)*. Representative drawings and explanations should also be provided.

- ①:If the R&D results are jointly produced by multiple projects, the primary project source shall be used as the reference standard, and a copy of the contract shall be attached. For MOST-funded projects, please also attach a copy of the approved project list.
- **②**: Without the University's consent, the application shall not be listed as the output of any project to which it does not belong.
- 3: Patent ownership: For MOST-funded projects, refer to the "R&D Result Ownership" section of the approved project list. For other projects, complete according to the relevant provisions of the signed contract.
- **4**: If the R&D results belong to an internal University center or an internal special project, approval from the head of the affiliated unit is required before submitting the application.
- **⑤**: When applying, clearly indicate the cost-sharing ratios for fees (application fee, examination fee, patent grant fee, and maintenance fee) between the University and the collaborating/funding units.

Inventor Compliance Statement (Please check to indicate agreement)

□All inventors have understood the relevant regulations regarding patent application, assignment, and termination by the funding authority and agree to comply with them. □All inventors have understood the revenue-sharing ratios determined by the University and agree to comply and cooperate with the payment.

Signatures of a	ll inventors					
		Date	e			
Signature of Head o	f Affiliated Unit	/	Sign	ature of (Overall)	P	roject Principal
Funding Unit			Inve	estigator		
Date			Ι	Date		

Yuan Ze University Foreign Patent Application Benefit Assessment Statement

Country of application	□the United States □ Japan □ the European Union □ other countries_
	Current Status and Bottlenecks of Relevant Industries in the Country of Application: Differences Between This Invention and Relevant Technologies in the Country of Application:
	Competitive Advantages of This Invention in the Relevant Industry of the Country of Application:
Promotion Value of This Invention in the Country and the Need for Patent Application in That Country	Potential (Under Negotiation) Licensees in the Country of Application: □Yes (please continue) □ none Name of enterprise (institution):
	Contact Person: Contact Number: Licensed items:
	Estimated Revenue: expected to reach ten thousand NTD within year Explanation of Calculation Principles: Other Reasons Supporting the Application of a Patent in the Country: