

中央研究院研發成果揭露表

Academia Sinica Invention Disclosure Form

Date : _____

Docket Number : _____

(由本院智財技轉處填寫)

112 年 9 月 26 日第 549 次智財處處務會議決議修訂並公告

請詳實揭露。若因揭露不實，致智財價值毀損，創作人需承擔責任。

Please complete all sections in full and with accurate information. The inventors are responsible for any damages to the intellectual property rights incurred as a result of a failure to provide full and accurate information.

A. 創作人代表聯絡資訊 Contact Information of Inventor Representative

姓名	職稱	連絡電話
Name	Job Title	Telephone No.
服務單位	電子郵件 (E-mail)	
Affiliation	E-mail	

請提供中英文資訊 Please provide information in both Chinese and English.

B. 研發成果基本資料 Basic Information of Invention

I. 成果名稱 Title of Invention

(please provide a brief and descriptive title that does not contain details that would enable others to reproduce the invention)

(English)
(中 文)

II. 摘要說明 Abstract of Invention Description

(please provide details to a level similar to the abstract of a journal publication)

Please include the following information:

1. Background of the invention and related technologies (i.e. the problem the invention solves, including for example, any unmet need(s) that the invention addresses).
2. How does the invention work? (please describe the various key components or key active method steps of the invention, and how these components and/or steps come together to make the invention work).

3. If known, list any relevant competing technologies and/or products. If possible, please provide details on how one would determine whether a third party was making, using, or selling the invention without authorization.

4. 建議保護樣態 Options for protection of the invention

- | | |
|---|--|
| <input type="checkbox"/> 專利 patent right | <input type="checkbox"/> 材料 material (bio or non-bio) |
| <input type="checkbox"/> 商標 trade mark right | <input type="checkbox"/> 植物新品種 plant variety /breeder's rights |
| <input type="checkbox"/> 技術 know-how | <input type="checkbox"/> 營業秘密 trade secret |
| <input type="checkbox"/> 資料庫 database | <input type="checkbox"/> 工業設計 industrial design right |
| <input type="checkbox"/> 著作權(含軟體) copy right (including software) | |
| <input type="checkbox"/> 積體電路 integrated circuit (IC) layout design right | |

(Please check mark any of the option(s) that you believe may be applicable to the invention. Multiple selections may be made.

Please provide justification for the selection(s) made.)

(中 文)(字數限制 300)

(English) (word limit 120)

III. 應用範圍 Applications of Technology

請列出可能之商業應用範圍，包括可能之產品或服務應用，或成為其元件或技術之一部分。

Please briefly describe any practical application(s) that have been identified for the invention. Potential commercial application(s) of the invention (please describe how and/or where you envision the invention could be applied, and who may use the invention. Indicate commercial product(s) and/or service(s) a company could develop by using this technology).

(請以條列項目說明, Please list with bullet points)

(中 文)(字數限制 150)

- 1.
- 2.
- 3.

(English) (word limit 50)

- 1.
- 2.
- 3.

IV. 技術優勢 Technological Advantages

(please include key aspects of the invention which make it unique, surprising, and/or novel and its advantages over the existing solutions)

(請以條列項目說明, Please list with bullet points)

(中 文) (字數限制 150)

- 1.
- 2.
- 3.

(English) (word limit 50)

- 1.
- 2.
- 3.

V. 技術介紹圖 Illustrations of Technology

請提供技術示意圖至少兩張。影像解析度至少需 1280x960 pixel (或大約 10.84x8.14cm, >1 百萬畫素), 300dpi。

Please provide at least 2 figures and/or diagrams that are able to best illustrate the idea of the invention. Image resolution should be at least 1280x960 pixel (or roughly 10.84x8.14cm, >1million pixel) at 300dpi.

Figure 1 (簡約中、英文圖說, Brief caption or figure legend in both Chinese and English)

(insert an image here,)

Figure 2 (簡約中、英文圖說, Brief caption or figure legend in both Chinese and English)

(insert an image here)

Figure 3 (簡約中、英文圖說, Brief caption or figure legend in both Chinese and English)

(insert an image here)

Figure 4 (簡約中、英文圖說, Brief caption or figure legend in both Chinese and English)

(insert an image here)

VI. 相關技術文獻 Relevant Documents

相關技術文獻(relevant documents) 包含與揭露發明有關之任何形式已公開資訊。請提供技術清單(文獻、海報、網路文章、專利、產品等)，並描述您的發明與相關技術之差異。

Relevant documents constitute all publicly available information that can be in any form and are relevant to the invention. Please provide a list of all relevant documents (which include, but are not limited to: journal articles, online publications, patents, patent publications, product brochures/flyers/data sheets, and manuals, etc.) you are aware of, and briefly describe how your invention differs from the disclosures of the identified document(s). Please especially focus on the document(s) that may be cited as a reference for rejection of an application for IP protection.

(請以條列項目說明, Please list with bullet points)

- 1.
- 2.
- 3.

VII. 經費來源 Funding and/or Sponsorship

請先自行估算以下研發資源 Please estimate R&D resources used in the following categories.

整體研發時程 Overall time of R&D

_____年(years)

整體研發人力 Overall manpower of R&D

_____人年(man-year)

整體研發經費 Overall cost of R&D

NT\$ _____

※本發明曾接受部分或全部 Alpha 計畫資助？

☐ Yes ; ☐ No

請列出本發明之所有經費來源。

(please provide details regarding any funding(s) that provide financial support for the invention)

Project A	(中文)		
計畫名稱(Title)	(English)		
計畫編號 Case Number		計畫時程 Duration of Project	起 迄
資助單位 (Funding Agency)	(中文)		
	(English)		
	(1) 如果本發明全部或部分歸屬國科會補助計畫，請附「經費核定清單」影本一份予智財技轉處存查。		
	(2) 如果本發明為敏感科技計畫，請附合約影本一份。 是否為敏感科技？ <input type="checkbox"/> 是 ; <input type="checkbox"/> 否 (3) 本發明之資助計畫是否為 Alpha 計畫？ <input type="checkbox"/> 是 ; <input type="checkbox"/> 否		

計畫金額 Amount of grant	新臺幣(NTD)	元整
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(若空間不足，請自行增加表格。 Please feel free to expand this table if additional funding sources are involved)

※ 研發成果之經費來源多於一個計畫時，請說明各經費占比：

(If more than one sponsorship is involved, please determine each project's relative contribution ratio.)

各計畫於研發成果占比 - Project A: _____%; Project B: _____%; (please feel free to expand if necessary)

(若僅單一計畫，請跳過本題。 Please skip this question if there's only one funding source.)

※ 若有使用國科會經費，請先登錄國科會研發成果資訊系統(STRIKE)申報，填寫基本資料。(If the invention was sponsored by NSTC funding, please logon STRIKE system and fill out basic information.)

是否已申報 STRIKE? (In case of a NSTC funding project, has STRIKE been declared?)

☐ Yes ; ☐ No

(請勾選，若無國科會經費資助，請跳過本題。 Please check the appropriate box. If not sponsored by NSTC fund, please skip the question.)

VIII. 實驗室記錄保存 Record of Invention (Lab Records Demonstrating Inventorship):

在智財保護舉發過程中，實驗紀錄簿舉足輕重。實驗紀錄簿必須妥善保管，以備他方宣稱我方智財無效或侵權時，創作人得以舉證。

Please note that laboratory notebooks play an important role during the examination/prosecution process of an application for intellectual property (IP) rights and even after IP protection has been obtained. A properly kept notebook is invaluable, for example, in cases in which another party claims an IP right to be invalid, or when inventorship needs to be determined or confirmed. Therefore, it is important to keep all such records in a safe and secure location.

☐ 請勾選，確認該發明之相關實驗紀錄(紀錄簿、電子檔存於 CD、或材料)已妥善標示、簽名、保管及保護。

Please check mark. Relevant laboratory notebooks are properly labelled, signed, and kept in a secure location.

Form of lab record	紀錄簿 Notebooks	電子檔案 Electronic Data Files	材料 Materials (bio- or non-bio)
Amount			
Place of storage			
Date of maintenance			

Amount refers to volume/number of notebooks, number of CD discs, or number of materials been protected.

本院必要時有權查核實驗記錄。

Academia Sinica reserves the right to audit lab records.

IX. 已公開發表 Publication(s):

創作人在實施發明後，公開揭露前，須先向智財技轉處(DIPTT)揭露發明，以便進行專利(或其他智財)申請。在研討會或公司進行口頭或海報發表，或是發表手稿、摘要，均可能造成公開揭露，而損及專利的新穎性。

Please make sure that you disclose your invention to the Department of Intellectual Property and Technology Transfer (DIPTT)

BEFORE any public disclosure so that, if deemed appropriate, a patent application (or an application for other form(s) of IP rights protection) may be prepared and filed. Please note that any oral or poster presentation at a scientific conference or to a company, or publication of an abstract, a manuscript or a thesis before IP protection is obtained may put your invention at risk of not getting the IP protection it deserves.

Article (not yet published)	Date:	Article Status: (e.g. in preparation, submitted, under revision, accepted, in press) Title:
Article (published)	Date:	Journal: Title:
Oral Presentation (e.g. conference, seminar, invited lecture, etc.)	Date:	Occasion: Title:
Poster Presentation	Date:	Occasion: Title:
Student Thesis (學生論文)	Date:	Name: Title:

(若空間不足，請自行增加欄位。 Please feel free to expand this table if additional space is needed)

若屬於未發表成果 For “Article (not yet published)”, please indicate the anticipated date of publication.

預計發表日期 Anticipated date of publication (yyyy/mm/dd): _____

C. 技術發展計畫 Future Plans for the Invention

I. 未來方向 Future Plans for Further Development and Application of the Invention:

請簡述本發明未來繼續研究與發展之方向。

Please briefly describe any follow-up research and/or future development plans for the invention.

II. 技轉策略 Licensing Strategy

請簡述創作人對技轉策略的想法，包括可能的技轉對象、曾表達承接意願的廠商、有屬意的新創團隊、或任何行銷該創作發明之策略。

Please briefly describe whether the inventors have had any discussion(s) with a potential licensee, i.e. any company which may have an interest in the invention. If so, please provide the name of the company and its contacts. Please also describe any location(s) (e.g. country) the inventors may have already identified as being suitable for marketing the invention, and any marketing methods the inventors may wish to use for this invention.

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D. 創作人資訊 Inventor Information: (N.B. inventorship subject to review)

I. 個人資訊 Personal Information

創作人所屬單位 Inventor Affiliations

是否有非屬本院之創作人？ Are any inventor(s) currently an employee, a director, a consultant, an officer, or a student of an entity other than Academia Sinica?

Yes ____ No ____

是否有創作人兼職？ Are any inventor(s) currently employed by more than one entity (i.e., shared salaries)?

Yes ____ No ____

若上述問題有勾選 Yes，請詳述於下。 If the answer to any of the above questions is “Yes”, please provide details below:

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Name of Inventor 1 (中 文) (English)	Citizenship <input type="checkbox"/> 中華民國 Taiwan, R.O.C. <input type="checkbox"/> 雙重國籍 dual citizenship _____ <input type="checkbox"/> 其他 others _____
ID No. (身份證字號)	Affiliation (服務機關)
E-mail	Tel: Fax:
Home Address (中 文) (English)	
有關智財申請、維護評估或處分之通知，茲 <input type="checkbox"/> 同意 <input type="checkbox"/> 不同意以電郵傳送通知並回覆。	

Name of Inventor 2 (中 文) (English)	Citizenship <input type="checkbox"/> 中華民國 Taiwan, R.O.C. <input type="checkbox"/> 雙重國籍 dual citizenship _____ <input type="checkbox"/> 其他 others _____
ID No. (身份證字號)	Affiliation (服務機關)
E-mail	Tel: Fax:
Home Address (中 文) (English)	
有關智財申請、維護評估或處分之通知，茲 <input type="checkbox"/> 同意 <input type="checkbox"/> 不同意以電郵傳送通知並回覆。	

Name of Inventor 3 (中 文) (English)	Citizenship <input type="checkbox"/> 中華民國 Taiwan, R.O.C. <input type="checkbox"/> 雙重國籍 dual citizenship _____ <input type="checkbox"/> 其他 others _____
ID No. (身份證字號)	Affiliation (服務機關)
E-mail	Tel: Fax:
Home Address (中 文) (English)	
有關智財申請、維護評估或處分之通知，茲 <input type="checkbox"/> 同意 <input type="checkbox"/> 不同意以電郵傳送通知並回覆。	

(若空間不足，請自行增加欄位。 You may expand the table if more than three inventors are involved.)

創作人與文獻發表之作者，在法律上的認知不同，創作人比較強調原創構想之發起，而非動手實作者。創作人之聯絡方式（含地址、電郵、電話、傳真）如上所載，相關文件之送達及意思通知，除另有（規）約定外皆以該聯絡方式為準。該聯絡方式如有異動，應以書面或電子郵件通知中央研究院智財處(DIPTT)變更。

Inventorship is very different from authorship of a manuscript and will be determined according to IP law principles. In general terms, inventorship is determined by who conceives of the idea for an invention and not so much by who actually carries out the work to demonstrate the idea. For example, an inventor of an issued patent must contribute to at least one claim of the patent. An inventor is also responsible for informing the DIPTT by mail or email, of any changes made to the contact information.

II. 權益收入分配及創作人簽名表 Distribution of Earnings and Inventor Signature:

全體創作人同意本技術向中央研究院揭露，作業流程遵循本院辦法規章，並依以下比例分配技轉所得之權益收入。簽名前請確認前揭技術資料之完整及真實性，並請詳加閱讀下列事項，充分了解。若無異議，則簽名以表示同意。

By signing this form, the inventor agrees to disclose the invention to Academia Sinica and follows the regulations and procedures set by Academia Sinica. Before signing, please carefully read and consent to the percentage of income distribution and the order of inventor representation. Please also confirm the completeness and accuracy of information disclosed in this document.

中研院創作人 Inventor of Academia Sinica					
中研院貢獻比例 ¹ Contribution of Academia Sinica _____%					
順序 ² Order	創作人姓名 Name	創作人簽名 Signature	日期 Date	貢獻百分比 ³ Percentage of Contribution (%)	權益收入分配意願 ⁴ Distribution Options
1					<input type="checkbox"/> 依本院規定分配 following AS rules <input type="checkbox"/> 自願放棄百分比：_____% voluntary renouncement percentage: _____% <input type="checkbox"/> Alpha 計畫 ⁵ 全部放棄 total renouncement of results from Alpha Project ⁵
2					<input type="checkbox"/> 依本院規定分配 following AS rules <input type="checkbox"/> 自願放棄百分比：_____% voluntary renouncement percentage: _____% <input type="checkbox"/> Alpha 計畫 ⁵ 全部放棄 total renouncement of results from Alpha Project ⁵
3					<input type="checkbox"/> 依本院規定分配 following AS rules <input type="checkbox"/> 自願放棄百分比：_____% voluntary renouncement percentage: _____% <input type="checkbox"/> Alpha 計畫 ⁵ 全部放棄 total renouncement of results from Alpha Project ⁵
4					<input type="checkbox"/> 依本院規定分配 following AS rules <input type="checkbox"/> 自願放棄百分比：_____% voluntary renouncement percentage: _____% <input type="checkbox"/> Alpha 計畫 ⁵ 全部放棄 total renouncement of results from Alpha Project ⁵
5					<input type="checkbox"/> 依本院規定分配 following AS rules <input type="checkbox"/> 自願放棄百分比：_____% voluntary renouncement percentage: _____% <input type="checkbox"/> Alpha 計畫 ⁵ 全部放棄 total renouncement of results from Alpha Project ⁵
		Sum		100%	

非中研院創作人 ⁶ Inventor of Non Academia Sinica				
非中研院 貢獻比例 Contribution of Non Academia Sinica	機關(構)/單位 Affiliation	創作人姓名 Name	創作人簽名 Signature	日期 Date
_____ %				
_____ %				

(若空間不足，請自行增加欄位。 You may expand the table if more inventors are involved.)

¹ 權益收入分配依據「中央研究院科學技術研究發展成果運用及歸屬辦法」施行。

Income which resulted from technology transfer will be allocated to the inventors while adhering to the regulations as set out in the “Academia Sinica Regulations for Ownership and Utilization of Scientific and Technological Research and Development Achievements”.

² 創作人順序決定代表人及繼為代表人之順位。

Please note that the order of inventors as indicated in the table above determines the order of inventor representation.

³ 權益收入分配依據「中央研究院科學技術研究發展成果運用及歸屬辦法」施行，貢獻百分比為技轉授權收入分配之依據。

Income which resulted from technology transfer will be allocated to the inventors while adhering to the regulations as set out in the “Academia Sinica Regulations for Ownership and Utilization of Scientific and Technological Research and Development Achievements”. The percentage of income distribution for each inventor will be calculated based on the percentage of contribution as indicated in the Table

⁴ 權益收入包含授權金、權利金、價金、股權、材料移轉收入或其他權益。依據「中央研究院辦理科學技術研究發展成果權益收入各項事務應注意事項」第八點第一項及第二項規定：創作人如放棄權益收入之分配，須於「中央研究院研發成果揭露表」中填具歸屬本人之權益收入分配事宜或另填具「權益收入放棄聲明書」，由創作人代表或其所屬單位發函予智財技轉處，其放棄之權益收入歸本院所有，由智財技轉處簽准後撥入本院科學研究基金。智財技轉處依據第四點第二項辦理分配事宜之後，上述「中央研究院研發成果揭露表」或「權益收入放棄聲明書」中歸屬創作人之權益收入所得分配內容不得更改。

The proceeds from rights and interests (earnings) include license fees, royalties, prices, equities, proceeds from transfer of materials, or other rights and interests.

According to Article 8 Paragraph 1 and 2 of "Academia Sinica Implementing Rule for the Allocation of Proceeds from Rights and Interests in Research and Development Achievements", if the inventor decides to renounce the distribution of earnings, he or she shall make a statement of renouncement in the “Academia Sinica Invention Disclosure Form” or fill a form of “Declaration of Renouncement of Proceeds from Rights and Interests.” The proof of renouncement shall be sent to the DIPTT by the Inventor Representative directly or through her/his division. The distribution of earnings that the inventor renounces shall be vested in the Academy, and will be transferred to the Scientific Research Fund by DIPTT. After DIPTT distributes proceeds in accordance with Article 4 Paragraph 2, the shares of distribution and the percentage of renounced right and interests in the above said “Invention Disclosure Form” or “Declaration of Renouncement” shall not be amended or changed.

⁵ 依據「中央研究院 Alpha 計畫作業試行要點」第 4 點規定：...不參與研發成果之權益收入分配，但得由院方視其貢獻度依相關規定支給獎勵金或計畫執行費。

According to Alpha Project regulation of Academia Sinica, the inventors will totally renounce the claim to Distribution of Earnings.

⁶ 非中研院創作人不得參與中央研究院之利益分配，然而會依共有協議，由所屬單位進行分配。

Any inventor(s) who is not an employee(s) of Academia Sinica will not be able to receive income allocated by Academia Sinica. She/He will need to contact the organization to which she/he belongs to request her/his share of income directly from said organization.

E. 附註：

I. 專屬材料或技術使用：倘若本創作成果之部分或曾經使用他人之專屬材料或技術，包括與其他單位(學校、機關、公司等)共同合作之產出，請陳述於以下列表，並提供材料移轉、使用同意書或相關合作研究契約等。

Use of Proprietary Materials: (please provide any third party agreements not identified elsewhere on this form)

If any aspect(s) of the invention is based on, or was made possible by the use of proprietary material(s) and/or special technique(s) obtained from a third party, a company or another institution (including, but not limited to, industry-sponsored research agreements (SRAs), material transfer agreements (MTAs), etc), please provide details below.

Recipient's Name	
Provider's Name	
Proprietary Material(s) And/or Special Technique(s)	
Comments	

II. 注意事項 Notes

1. 創作人同意將上述發明（以下稱本發明）在智財或專利申請國家之權利與利益，讓予本院。非本院創作人所屬單位之權益將由共有協議書另明訂之。

By signing this document, the inventors hereby agree to assign all rights, titles and interests the invention as described herein (the "Invention") to Academia Sinica. The assignment of any rights of the invention resulting from a Joint Research Agreement between Academia Sinica and other entity, will be determined by the conditions as set forth in said agreement.

2. 若創作人未充分揭露其所有相關發表，導致本院被迫放棄該智財或專利申請或專利智財無效，本院得要求創作人支付相關智財或專利申請費、維護費等。

The inventor(s) should fully disclose all of the relevant publications as requested herein (including but not limited to, thesis, abstract, oral/poster presentation, article publication...etc.). In the event that said lack of disclosure (1) causes Academia Sinica to abandon the IP or patent application; or (2) causes the IP right(s) or patent right(s) to become invalid, the inventor understands that Academia Sinica may seek payment in full from the inventor(s) of all costs related to the application and/or maintenance of said IP and /or patent rights.

3. 全體創作人茲同意依前述 D. 創作人資訊之 II. 權益收入分配及創作人簽名表順位指定為本發明之「創作人代表」，代表全體創作人回覆本院關於本發明之智財或專利申請、維護評估或處分之意見諮詢，及代表行使關於本發明之創作人權益分配等權益（包括但不限於本發明之授權金或權利金分配、對外授權諮詢等事宜）。

前開順位在先者，若有離職、退休或其他情事致聯絡困難無法續為代表者，依「中央研究院智財處辦理技轉案件遇原創人代表離職(包括退休、去世)後之處理程序」，得由次順位在後創作人代表，或由原創人代表指定其他創作人行使權限。倘若全體創作人皆有續為代表者之困難，由該所(處、中心)所長、主任指定本院在職研究人員代為執行代表人之職責。

The inventors hereby agree to designate and appoint as the sole inventor representative, the person whose name appears in the highest order in section "D. Inventor Information – II. Distribution of Earnings and Inventor Signature". She/he will exercise all rights on behalf of all of the inventors as aforementioned including, without limitation, technology distribution and transfer of the share of rights assigned to them by Academia Sinica and the property rights and benefits, licensing fees and royalties, consulting issues, issues related to application and prosecution of IP rights, and the distribution of income and benefits.

In the event that the inventor representative has retired, has terminated his/her employment with Academia Sinica, is deceased or due to any other reason is no longer able to exercise his/her inventor representative duties, the inventor who is next in order, or an inventor appointed by the previous inventor representative shall take his/her place as the inventor representative. In the event that all of the inventors have become unavailable to be the inventor representative, the Department/Center director shall appoint a researcher who is suitable to take over the duties.

4. 全體創作人於技術移轉之時，均有利益揭露之責，倘於揭露過程，有利益衝突之虞，需做迴避。倘若有如上失聯或拒絕簽屬利益揭露情事，創作代表人有權排除該創作人之權利與其利益分享。

All inventors are required to disclose any conflict of interests during the process of technology transfer. If conflict does exist, such inventor should excuse himself/herself from participating in the technology transfer process. For reasons such as loss of contact with an inventor, or an inventor's refusal to disclose his/her conflict of interests, the inventor representative has the authority to declare that said non-contactable or non-cooperative inventor has thereby effectively abandoned his/her IP rights as well as his/her right to share in any income generated from the technology transfer of said IP rights.