

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	
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	Property Type	Number
	Application Number:	17579471
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DATE SIGNED:	01/03/2023	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4		
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**DECLARATION OF INVENTORSHIP AND ASSIGNMENT OF OWNERSHIP RIGHTS FOR A
UTILITY OR DESIGN PATENT APPLICATION****Check One:**

☐ Declaration & Assignment Submitted
with the Initial Filing OR
☒ Declaration & Assignment Submitted
After the Initial Filing (Surcharge
under 37 C.F.R. § 1.16(e) Required)

Complete If Known:

Application No.: 17/579,471
Filing Date: 19 Jan 2022
Art Unit: TBD
Examiner Name: TBD

I hereby declare that this declaration is directed to:

☐ the attached application, or

☒ 1) United States Application Number 17/579,471 or 2) PCT International
Application Number _____ filed on 01/19/2022 MM/DD/YYYY)

The Patent Application was made or was authorized to be made by me. I believe that I
am the original inventor or an original joint inventor of a claimed invention in the patent
application, for which a Patent is sought on the invention entitled:

PHOTODIODES WITHOUT EXCESS NOISE

I hereby authorize the firm of Rutan & Tucker, LLP, 611 Anton Boulevard, Suite 1400, Costa
Mesa, CA 92626 the power to insert here in the parenthesis, after I signed this document,

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any further identification information, including the patent application's serial number and filing
date that may be necessary or desirable in order to comply with the rules of the United States
Patent and Trademark Office for recordation of this document.

I hereby state that I have reviewed and understand the contents of the above-identified
specification, including the claim(s), as amended by any amendment specifically referred to
above, and the listing of inventors to be an accurate reflection of the invention.

I acknowledge the duty to disclose information which is material to patentability as defined in
37 C.F.R. 1.56, including for continuation-in-part applications, material information which
became available between the filing date of the prior application and the national or PCT
international filing date of the continuation-in-part application. I acknowledge that this is a
continuing duty to disclose information including prior art which is material to patentability until
the Patent Application issues as a Patent.

I believe the specification of the Patent Application contains a written description of the invention, and the manner and process of making and using the invention, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention. I believe the claims of the patent application particularly points out and distinctly claims one or more embodiments of the subject matter, which I as the inventor regard as the invention.

WHEREAS, SRI International, a corporation of California, having a principal place of business at 333 Ravenswood Avenue, Menlo Park, CA 94025 USA, ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, WE, the undersigned inventor hereby assigns and transfer to Assignee and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the Application for the above United States Patent indicated above.

WE also assign the entire right, title, and interest for all provisional applications, non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application.

WE specifically also assign the entire right, title, and interest that WE have for all provisional applications or other applications that this patent application claims priority to, including but not limited to:

U.S. Patent Application Serial No. 17/056,315, Titled "PHOTODIODES WITHOUT EXCESS NOISE," filed on November 17, 2020, and

PCT Patent Application Number PCT/US18/41574, filed on 07/11/2018, Titled, LINEAR MODE AVALANCHE PHOTODIODES WITHOUT EXCESS NOISE.

Further, WE agree that WE will communicate to said ASSIGNEE or its (his) representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. I hereby acknowledge further that these statements were made with the knowledge that any willful false statements and the like so made in this Declaration are punishable by fine or imprisonment of not more than 5 years, or both, under 18 U.S.C. 1001 of Title 18, and that such willful false statements may also jeopardize the validity of the Application or any Patent issued thereon.

NAME OF INVENTOR:

Full Name: Winston K. Chan
(Given Name (First and Middle [if any]), Family Name (or Surname))

Inventor's Signature  Date Oct. 17, 2022

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Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.