

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TSUTOMU HIROISHI	04/04/2022
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<b>State/Country:</b>	JAPAN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17828312
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<b>NAME OF SUBMITTER:</b>	JASON M. OKUN
<b>SIGNATURE:</b>	/Jason M. Okun/
<b>DATE SIGNED:</b>	06/01/2022
<b>Total Attachments: 3</b>	
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source=DeclarationandAssignment140488563864#page3.tif	

**COMBINED DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION**

(page 1)

**Title of Invention:** ION GUN AND VACUUM PROCESSING APPARATUS

As a or the below named inventor, I hereby declare that:

This declaration is directed to:



The attached application, or



United States application or PCT international application number

\_\_\_\_\_

filed on \_\_\_\_\_

The above-identified application was made or 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 application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

**COMBINED DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION**  
(page 2)

FOR VALUE RECEIVED, I/WE           Tsutomu Hiroishi

hereby sell, assign, transfer and convey unto CANON ANELVA CORPORATION

a corporation of Japan

having a place of business at 2-5-1, Kurigi, Asao-ku, Kawasaki-shi, Kanagawa 215-8550, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to ION GUN AND VACUUM PROCESSING APPARATUS

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and I/we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND I/we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND I/we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I/we hereby covenant that I/we have the full right to convey the entire right, title and interest herein assigned and that I/we have not executed and will not execute any agreement in conflict herewith.

AND I/we hereby covenant and agree that I/we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

IN TESTIMONY WHEREOF, I/We hereunto set our hand:

COMBINED DECLARATION AND ASSIGNMENT  
FOR PATENT APPLICATION  
(page 3)

Full Name of Sole or First Inventor Tsutomu Hiroishi

Inventor's signature Tsutomu Hiroishi

Date April 4, 2022