

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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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>
	MINATO HOLDINGS INC.	10/23/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MINATO ADVANCED TECHNOLOGIES INC.	
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<b>Internal Address:</b>	TSUZUKI-KU, YOKOHAMA-SHI	
<b>City:</b>	KANAGAWA	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	224-0026	
<b>PROPERTY NUMBERS Total: 4</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	8330726	
<b>Patent Number:</b>	7477243	
<b>Patent Number:</b>	6498602	
<b>Patent Number:</b>	6362468	
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	NA28-001, 702, 006; & 005	
<b>NAME OF SUBMITTER:</b>	SHELLEY SAMSEL	
<b>SIGNATURE:</b>	/Shelley Samsel/	
<b>DATE SIGNED:</b>	10/26/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>		

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## **ASSIGNMENT**

### **JOINT OWNERS:**

MINATO HOLDINGS INC.  
4105, Minami Yamata-cho, Tsuzuki-ku, Yokohama-shi  
Kanagawa, Japan 224-0026

XIROKU, INC.  
2-10-2, Matsushiro, Tsukuba-shi  
Ibaraki, Japan 305-0035

### **PARTIES TO THE ASSIGNMENT:**

#### **ASSIGNOR:**

MINATO HOLDINGS INC.  
4105, Minami Yamata-cho, Tsuzuki-ku, Yokohama-shi  
Kanagawa, Japan 224-0026

#### **ASSIGNEE:**

MINATO ADVANCED TECHNOLOGIES INC.  
4105, Minami Yamata-cho, Tsuzuki-ku, Yokohama-shi  
Kanagawa, Japan 224-0026

### **BACKGROUND OF THIS ASSIGNMENT:**

**MINATO HOLDINGS INC.** (hereinafter referred to as "**ASSIGNOR**")  
and **XIROKU, INC.** own rights, titles and interests in certain new and useful  
inventions disclosed in the following issued U.S. Patents:

- 1) U.S. Patent No. 8,330,726 filed on December 11, 2012 and entitled:  
*Position Detection Apparatus Using Area Image Sensor;*

2) U.S. Patent No. 7,477,243 filed on January 13, 2009 and entitled:  
*Apparatus For Controlling The Shift of Virtual Space And Method And  
Program For Controlling Same;*

3) U.S. Patent No. 6,498,602 filed on December 24, 2002 and  
entitled: *Optical Digitizer With Function To Recognize Kinds Of Pointing  
Instruments;* and

4) U.S. Patent No. 6,362,468 filed on March 26, 2002 and entitled:  
*Optical Unit For Detecting Object And Coordinate Input Apparatus Using  
Same.*

**MINATO ADVANCED TECHNOLOGIES INC.** (hereinafter referred to  
as "**ASSIGNEE**") desires to acquire ASSIGNOR's rights, titles and interests  
in said inventions disclosed in Patent Nos. 8,330,726, 7,477,243, 6,498,602  
and 6,362,468 (hereinafter referred to collectively as "**PATENTS**") in both the  
United States and in all foreign countries.

XIROKU, INC maintains joint ownership and its rights, titles and  
interests in said inventions disclosed in the PATENTS in both the United  
States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred its rights, titles and interests in the above-identified PATENTS to ASSIGNEE, and to any reissues, renewals, divisions or continuations of the above-identified PATENTS, and hereby authorizes the Commissioner of Patents and Trademarks to issue any Letters Patent to ASSIGNEE, and any other necessary party, for the use of ASSIGNEE and its co-owners, successors or assigns.

ASSIGNOR further agrees to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interests transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the above-identified PATENTS; and will generally do everything necessary or desirable to obtain and enforce proper protection for the above-identified PATENTS assigned hereby.

ASSIGNOR further assigns its rights, titles and interests to ASSIGNEE in the above-identified PATENTS throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the above-identified PATENTS in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the above-identified

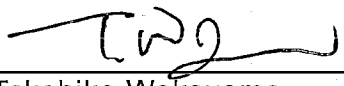
PATENTS under the Patent Cooperation Treaty; and to file and prosecute applications relating to the above-identified PATENTS under the European Patent Convention. ASSIGNOR agrees to execute applications relating to the above-identified PATENTS in those countries and under those conventions where it is necessary, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE and any other party as necessary, as well as all other necessary papers in relation to such applications and Letters Patent. ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of at least ASSIGNEE to apply for patent and other form of protection for the above-identified PATENTS and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

**ASSIGNOR:**

MINATO HOLDINGS INC.

Dated: Oct. 23, 2018

By:   
Takehiko Wakayama  
PRESIDENT