PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG-SING WUU	06/04/2021
RAY-HUA HORNG	06/04/2021
KEN-YEN CHEN	06/04/2021
TSING-PING LIAO	06/04/2021

RECEIVING PARTY DATA

Name:	NATIONAL CHUNG-HSING UNIVERSITY
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State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17358665

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 17313-113001

NAME OF SUBMITTER: JONATHAN P. OSHA

SIGNATURE: /Jonathan P. Osha/

DATE SIGNED: 09/22/2021

Total Attachments: 2

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PATENT 506881894 REEL: 057557 FRAME: 0297

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) MULTI-FUNCTIONAL CONTROL DEVICE WITH DISPLAY BUTTONS
The PATENT RIGHTS referred to in this agreement are:
(check one) a patent application for this invention, executed by the ASSIGNOR(S)
concurrently with this assignment.
X U.S. patent application Serial No. 17/358,665, filed June 25, 2021.
a U.S. patent application based on PCT International Application
No, filed on (date) (U.S. patent
application Serial No, if known)
U.S. Patent No, issued
The PATENT RIGHTS also include all divisions, reissues, continuations and
extensions of the patents and patent applications identified above.
The PATENT RIGHTS assigned under this agreement are:
(check one) U.S. patent rights only.
Worldwide patent rights. In this case, the assignee shall have the
right to claim the benefit of the filing date of any U.S. or foreign
patent application for this invention.
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose
signature(s) appear(s) on page 2 of this Assignment and any Supplemental Sheets(s).
The ASSIGNEE referred to in this agreement is:
(Name of Assignee) NATIONAL CHUNG-HSING UNIVERSITY
(Address) 145 Xingda Rd., South Dist., Taichung City, Taiwan
The ASSIGNEE is:
(check one) An Individual.
A Partnership.
A Corporation of(specify state or country)
X (other) A University of Taiwan

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, fitle and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Dong-Sing WUU	lay say Mu	June 4, 2021
Name of sole or first inventor	Signature Signature	Date
Ray-Hua HORNG	ay-thua At-J	June 4, 2021
Name of second inventor, if any	Signature	Date
Ken-Yen CHEN K	en-Yen <i>Cli</i> cn	June 4, 2021
Name of third inventor, if any	Signature	Date
Tsing-Ping LIAO	Tsing Ping Liao	June 4, 2021
Tsing-Ping LIAO Name of fourth inventor, if any	Tsing Ping Liao Signature	June 4, 2021
Name of fourth inventor, if any	Signature	Date

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