

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7524566

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NAOKI SEKIYAMA	09/02/2022
MASAHIRO SUWANO	08/24/2022
HIROSHI ASANO	08/24/2022
TAKU ARAKAWA	08/24/2022
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<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	107-8414
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17909830
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<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	KL-US191975
<b>NAME OF SUBMITTER:</b>	MARCUS R. MICKNEY
<b>SIGNATURE:</b>	/Marcus R. Mickney/
<b>DATE SIGNED:</b>	09/07/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
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**COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR  
DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of  
Invention**

TUNNEL EXCAVATION APPARATUS

As 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  
PCT/JP2021/007242 filed on February 26, 2021

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 five (5) years, or both.

I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.

### ASSIGNMENT

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KOMATSU LTD., having a principle place of business at 2-3-6, Akasaka, Minato-ku, Tokyo 107-8414 JAPAN, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements.

I agree that I will communicate to the assignee or its representatives any facts known to me 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 Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

The undersigned hereby grants the firm of **Global IP Counselors, LLP** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

LEGAL NAME OF INVENTOR (Given name FAMILY NAME)

Inventor: Naoki SEKIYAMA

Date: 09/02/2022

(mm/dd/yyyy)

Signature: Naoki Sekiyama

☒ Additional inventors are being named on the 1 supplemental sheet(s) attached hereto

**PATENT**

**REEL: 061012 FRAME: 0110**

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF INVENTOR (Given name FAMILY NAME)

Inventor: Masahiro SUWANO

Date: 08/29/2022  
(mm/dd/yyyy)

Signature: Masahiro Suwano

LEGAL NAME OF INVENTOR (Given name FAMILY NAME)

Inventor: Hiroshi ASANO

Date: 08/24/2022  
(mm/dd/yyyy)

Signature: Hiroshi Asano

LEGAL NAME OF INVENTOR (Given name FAMILY NAME)

Inventor: Taku ARAKAWA

Date: 08/24/2022  
(mm/dd/yyyy)

Signature: Taku Arakawa

LEGAL NAME OF INVENTOR (Given name FAMILY NAME)

Inventor: \_\_\_\_\_

Date: \_\_\_\_\_  
(mm/dd/yyyy)

Signature: \_\_\_\_\_

LEGAL NAME OF INVENTOR (Given name FAMILY NAME)

Inventor: \_\_\_\_\_

Date: \_\_\_\_\_  
(mm/dd/yyyy)

Signature: \_\_\_\_\_

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Inventor: \_\_\_\_\_

Date: \_\_\_\_\_  
(mm/dd/yyyy)

Signature: \_\_\_\_\_