PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7301691

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIRONOBU ABE	02/04/2022
TOSHIYUKI ISHIGAKI	02/07/2022

RECEIVING PARTY DATA

Name:	SEIKO EPSON CORPORATION
Street Address:	1-6, SHINJUKU 4-CHOME
City:	SHINJUKU-KU, TOKYO
State/Country:	JAPAN
Postal Code:	160-8801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17660943

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 801-533-9800

Email: mdunaway@wnlaw.com
Correspondent Name: WORKMAN NYDEGGER
Address Line 1: 60 EAST SOUTH TEMPLE
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	16443.4202
NAME OF SUBMITTER:	CARL T REED
SIGNATURE:	/Carl T. Reed/
DATE SIGNED:	04/27/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=16443-4202 2022-04-27 Declaration and Assignment#page1.tif source=16443-4202 2022-04-27 Declaration and Assignment#page2.tif source=16443-4202 2022-04-27 Declaration and Assignment#page3.tif

PATENT 507254770 REEL: 059742 FRAME: 0994

SEIKO EPSON Ref. No.: J0207476US01

DECLARATION AND ASSIGNMENT

with Japanese language translation

宣言書兼譲渡証(日本語訳付き)

署名者は、下記名称である特許又は意匠出願用の発明譲渡証及び宣言書(連邦規則基準第37編第1.63条に基づく)の両方に対して、この書面が適用されることを承認します。

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 C.F.R. \S 1.63) for a Utility or Design Application entitled:

Title:

THREE-DIMENSIONAL MODELING DEVICE AND METHOD OF MANUFACTURING THREE-DIMENSIONAL SHAPED ARTICLE

Legal Name(s) of Inventor(s):

Hironobu ABE, Toshiyuki ISHIGAKI,

上記に記載の発明者として、私は以下の通り宣言します:

As an above named inventor, I hereby declare that:

私は、本出願に係る発明の本来の発明者、あるいは本来の 共同発明者であると信じています。 I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

本宣言書は、ここに添付された本出願に関するものです。ただし、次の欄がチェックされているときには、この限りではありません:

This declaration is directed to the application which is attached hereto unless the following box is checked:

□ 米国出願番号または特許協力条約(PCT)国際出願番号を とし、 付けの出願。 United States application or PCT international application number filed on

上記本出願は、私が作成したものか、あるいは私がその作成を許可したものです。

The above-identified application was made or authorized to be made by me.

私は、本宣言書において、故意に偽りを述べた場合、合衆国 法典第 18 編第 1001 条に基づき、罰金あるいは 5 年以下の禁 錮、または両方の懲罰を受けることをここに認めます。 I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. \S 1001 by fine or imprisonment of not more than five (5) years, or both.

私は、特許請求の範囲を含む上記本出願の内容を検討し、 内容を理解していることをここに表明します。 l hereby state that l have reviewed and understand the contents of the above identified application, including the

私は、連邦規則基準第37編第1条56項に定義される通り、 特許性に強い影響を及ぼす情報を開示する義務があることを 承知していることを認めます。 I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. \S 1.56.

SEIKO EPSON Ref. No.: J0207476US01

ここにその受領を認める適正で価値ある対価をもって、上記 に特定された発明を創出した、署名者である私は、

当該発明/出願並びに当該出願に記載のあらゆる全ての発明について、合衆国とその厲領及び全ての外国に於ける全面的かつ独占的な権利;合衆国とその厲領及び全ての外国に於いて発行される特許証に関わる全ての権利、所有権、利益:一部継続出願、継続出願、分割出願、差替え出願、再発行出願、特許期間延長等、合衆国とその厲領及び全ての外国に於いて既に出願されたか若しくは今後出願される特許に関連するあらゆる全てに出願に関わる全ての権利;そして、国際条約、同盟、契約、法令、協定(将来制定されるそれらのものを含む)に基づく全ての優先権を伴う一切の権利;を、日本国東京都新宿区新宿四丁目1番6号に住所を有するセイコーエプソン株式会社、その後継者、被譲渡者、及び法定代理人に対して、売却、譲渡、移転するものとする。

さらに、私は、セイコーエブソン株式会社、(以下讓受人と言 う)が、単数ないしは複数の当該発明(以下当該発明という)に 関し、自己の名により、合衆国とその属領及び全ての外国に於 いて出願し、特許を受けること、またこの譲渡証の意図と目的を 誠実に実行することを求められた場合、下記に署名した私が、 当該讓受人、その後継者、その被譲渡者、及び法定代理人の 費用負担にて、一部継続出願、継続出願、分割出願、差替え出 願、再発行出願、特許期間延長等を行い、合法的宣誓書、譲渡 証、委任状等の書類を作成し、あらゆる法的または準法的訴訟 手続に於いて証言を行うこと: 当該発明とその経緯に関連して、 下記に署名した私が知り得た全ての事実を、当該讓受人、後継 者、被譲渡者、及び法定代理人に連絡すること;そして当該譲 受人、後継者、被譲渡者、及び法定代理人が、当該発明の特 許権の適切な保護、維持、権利行使するために望ましいと考慮 すること、また、当該発明に関わる全ての特許出願及び当該発 明に関し、当該讓受人、後継者、被讓渡者、及び法定代理人に 対して法的権限を付与するために望ましいと考慮することにつ いて、可能な限り全てを行うことを承諾する。

そして、私は、この書面により譲渡された権利や所有権に影響する、如何なる譲渡、授権、抵当権、ライセンス等その他の協定も他の第三者との間で行っていないこと: 下記に署名した私によって、この書面に記載されている権利が所有されていることを、当該譲受人、後継者、被譲渡者、及び法定代理人に対して誓約するものである。

さらに、下記に署名した私は、この宣言書兼譲渡証は英語の 部分の表現によってのみ解釈されることに同意する。

上記を証明するため、私は下記日付で署名しました。

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, who has created a certain invention identified above.

Do hereby sell, assign and transfer to SEIKO EPSON CORPORATION, having a place of business 1-6, Shinjuku 4chome, Shinjuku-ku, Tokyo 160-8801 Japan its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuationsin-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that SEIKO EPSON CORPORATION hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I, the undersigned do further agree that this DECLARATION AND ASSIGNMENT is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I have hereunto set my signature seal on the date indicated below.

SEIKO EPSON Ref. No.: J0207476US01

gal name of sole or first inventor ronobu ABE 付 Date /4/2022 gal name of second joint inventor, if any oshiyuki ISHIGAKI 付 Date /7/2022 gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any
付 Date /4/2022 gal name of second joint inventor, if any eshiyuki ISHIGAKI 付 Date /7/2022 gal name of third joint inventor, if any 付 Date 付 Date
gal name of second joint inventor, if any pshiyuki ISHIGAKI 付 Date /7/2022 gal name of third joint inventor, if any 付 Date
gal name of second joint inventor, if any oshiyuki ISHIGAKI 付 Date /7/2022 gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any
付 Date ///2022 gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any
付 Date ///2022 gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any
付 Date /7/2022 gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any
/7/2022 gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any 付 Date
gal name of third joint inventor, if any 付 Date gal name of fourth joint inventor, if any 付 Date
付 Date gal name of fourth joint inventor, if any 付 Date
gal name of fourth joint inventor, if any 付 Date
付 Date
gal name of fifth joint inventor, if any
付 Date
gal name of sixth joint inventor, if any
付 Date
gal name of seventh joint inventor, if any
付 Date
gal name of eighth joint inventor, if any
付 Date
gal name of nineth joint inventor, if any
付 Date
gal name of tenth joint inventor, if any
付 Date

3/3

PATENT REEL: 059742 FRAME: 0997