507020875 12/10/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PIONEER CORPORATION	10/29/2021

RECEIVING PARTY DATA

Name:	PIP HOLDINGS K.K.
Street Address:	28-8, HONKOMAGOME 2-CHOME
City:	BUNKYO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	113-0021

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9153130

CORRESPONDENCE DATA

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

7032436333 Phone: Email: mail@mwzb.com **Correspondent Name:** TIMIKA SNOWDEN

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ATTORNEY DOCKET NUMBER:	AMTLAW-0031-X
NAME OF SUBMITTER:	TIMIKA SNOWDEN
SIGNATURE:	/Timika Snowden/
DATE SIGNED:	12/10/2021

Total Attachments: 3

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PATENT REEL: 058359 FRAME: 0151 507020875

ASSIGNMENT

WHEREAS,

Pioneer Corporation 28-8, Honkomagome 2-chome Bunkyo-ku, Tokyo 113-0021 Japan

hereinafter referred to as the ASSIGNOR, is a current record owner of the right, title and interest in and to the U.S. Letters Patent and/or U.S. applications listed, the inventions covered thereby, the application(s) from which said Letters Patent issued and all U.S. and foreign and international treaty priority rights claimed therein or corresponding thereto:

U.S. Application or Patent

Reel/Frame #	Application #	Patent #
017387/0717	11/289786	US9153130

as well as all continuation and divisional applications claiming benefit of any of said applications,

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AND WHEREAS,

PIP Holdings K.K. 28-8, Honkomagome 2-chome Bunkyo-ku, Tokyo 113-0021 Japan

hereinafter referred to as ASSIGNEE, is desirous of acquiring a 50% right, title and interest in and to said **Pioneer Corporations** share of said inventions, said Letters Patent including any and all renewals, reissues and prolongations thereof, and said applications, as well as all continuation and divisional applications claiming benefit of any of said applications, and foreign and international treaty priority rights claimed therein or corresponding thereto, including the right to sue under said Letters Patent and applications for infringement occurring herebefore.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells and transfers to ASSIGNEE, its assigns and legal representatives, a 50% right, title and interest in its share of said inventions, said Letters Patent including any and all renewals, reissues and prolongations thereof, and said applications, as well as all continuation or divisional applications claiming benefit of any of said applications, and foreign and international treaty priority rights claimed therein or corresponding thereto, including the right to sue under said Letters Patents and applications, for infringement occurring herebefore, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy said inventions, Letters Patent including any and all renewals, reissues, and prolongations thereof, and said applications, as well as all continuation and divisional applications claiming benefit of any of said applications, and foreign and international treaty priority rights claimed therein or corresponding thereto, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of said Letters Patent and any future patents issuing from said applications, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

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PIONEER CORPORATION

Date: Oct. 29, 2021

By: Name:

Naoki Aoyama

Title:

General Manager, Intellectual Property Strategy & Management

Group

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PATENT REEL: 058359 FRAME: 0154