506716324 06/15/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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DAISUKE MASAKI	04/09/2021
TAKAYUKI HIRANO	04/09/2021
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PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	17241730				

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PATENT REEL: 056551 FRAME: 0139

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NAME OF SUBMITTER:	JONATHAN R. MILLER
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DATE SIGNED:	06/15/2021
Total Attachments: 2	

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> **PATENT REEL: 056551 FRAME: 0140**

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) jointly to
- 1. KABUSHIKI KAISHA TOYOTA JIDOSHOKKI which has a business office at 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan,
- 2. NOK CORPORATION which has a business office at 1-12-15, Shiba-daimon, Minato-ku, Tokyo 105-8585 Japan

(hereinafter referred to as "ASSIGNEES"), the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

ROOTS PUMP

for	whic:	h I(we)	have	execute	d an	applica	tion	for	а	United	Stat	ces
		Patent				9, 2021			(F	Applicat	ion	Serial
No.	17/3	241,730	file	ed on	April 2	27, 2021						

- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEES.
- 3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

	Funiya SHINODA	_Date:_	April 9,2021
	Name: fumiya SHINODA		
2)	Daisuke MASAKI	_Date:_	April 9, 202/
	Name: Daisuke MASAKI		
3)	Takayak! HIRANO	_ Date:_	April 9,202/
	Name: Takayuki HIRANO		
4)	Shintaro KASHIWA	_ Date:_	April 9,2021
	Name: Shintaro KASHIWA		
5)	Nach Takani	_ Date:_	April 9, 2021
	Name: Naoki TAKANI		

6) Yohei	Mikī	_ Date:	May . 10, 2021
Name: Y	ohei MIKI		/
Witness:	Joshipis Anagerafer	_ Date:	Apr. 16, 2021
Witness:	Yorkide Moedn	Date:	May 10, 2021