PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6373111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MASAAKI TAKAGI	09/11/2020	
AKIRA HAYASHI	09/11/2020	

RECEIVING PARTY DATA

Name:	FUNAI ELECTRIC CO., LTD.
Street Address:	7-7-1, NAKAGAITO
City:	DAITO-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	574-0013

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17051255

CORRESPONDENCE DATA

Fax Number: (202)721-8250

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: 2027218200

Email: wlp@wenderoth.com

Correspondent Name: WENDEROTH, LIND & PONACK, L.L.P.
Address Line 1: 1025 CONNECTICUT AVENUE NW

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	2020-2681A
NAME OF SUBMITTER:	KAREN GASS
SIGNATURE:	/KAREN GASS/
DATE SIGNED:	10/28/2020

Total Attachments: 4

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> PATENT REEL: 054198 FRAME: 0313

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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION				
Title of Invention	PRINTER			
a o a bodove na	DECLARATION			
522 # \$4505M 198	med inventor, I hereby declare that:			
This declarate is directed to:	sn The attached application, or			
	Tolised States application or PCT international application			
	number <u>PCT/JP2019/021174</u> filed on <u>May 29, 2019</u>			
The above ide	satified 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.			
	swiedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.			
unless that per	or: 37 C.P.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application son has reviewed and understands the contents of the application, including the claims, and is aware disclose to the Office all information known to the person to be material to patentability as defined in			
	ASSIGNMENT			
In consideration	on of the good and valuable consideration paid, I horeby self and useign to			
EUNALELE	CTRIC CO. LTD			
(Name of A	esigne)			
of <u>7-7-1, Nak</u> (address of	agaita, Daita-shi, Osaka 574-9013, Japan Assignee)			
	raignated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC rention set forth in the above identified application.			
and any conti-	cute all papers necessary in connection with this application for patent in the USPTO for the invention, mation, divisional or reissue applications thereof and also to execute separate assignments in connection leations as the Assignee may deem necessary or expedient.			
with this appl	rate all papers necessary in connection with any post-grant proceeding which may occur in connection action or confinuation, divisional or reissue thereof and to cooperate with the Assignee in every way aiming evidence and going forward with such post-grant proceeding.			
connection wi	sed agree(s) to execute all papers and documents and perform any act which may be necessary in the claims or provisions of the International Convention for Protection of Industrial Property or similar thich includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.			

PATENT REEL: 054198 FRAME: 0314

Lagree to perform all affirmativ Assignee.	e acts which may be nec	essary to obtain a grant of a valid United States patent to	the
I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of any entire interest, and covernant that I have not executed, and will not execute, any agreement in conflict herewith. Inventor (Logal Name): Masaaki TAKAGI			
}		7 . No. 10	
Signature: 110.50.0k)	<u>lekuşi</u>	Date: <u>4020.9.71</u>	

Wenderoth, Lind & Ponack, LLP Attorney Docket No.:

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION				
Title of Invention PRINTER				
DECLARATION As a below named inventor, I hereby declare that:				
This declaration is directed to: The attached application, or				
United States application or PCT international application				
number <u>PCT/JP2019/021174</u> filed on <u>May 29, 2019.</u>				
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.				
Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."				
ASSIGNMENT				
In consideration of the good and valuable consideration paid, I hereby sell and assign to				
FUNAI ELECTRIC CO., LTD.				
(Name of Assignee)				
of <u>7-7-1, Nakagaito, Daito-shi, Osaka 574-0013, Japan</u> (address of Assignee)				
(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.				
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.				
I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.				
The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State				

PATENT REEL: 054198 FRAME: 0316

I agree to perform all	affirmative acts	which may	be necessary	to obtain	a grant of	a valid	United States	patent	to the
Assignee.									
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I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.

Inventor (Legal Name): Akira HAYASHI

Inventor (Legal Name): Akira HAYASHI

Signature: Akira HAYASHI

Date: 2020, 9, 1/