PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6789795

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREAS SIMON THORE JANSSON	08/06/2018
ANGUS WILLIAM SACKFIELD	09/04/2020
CHING SUNG	09/04/2020

RECEIVING PARTY DATA

Name:	SPOTIFY AB
Street Address:	REGERINGSGATAN 19
City:	STOCKHOLM
State/Country:	SWEDEN
Postal Code:	SE-111 53

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17135119
Application Number:	17135127

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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: 6123325300

Email: cmanthie@merchantgould.com JONATHAN BERSCHADSKY **Correspondent Name:**

Address Line 1: PO BOX 2910

Address Line 2: MERCHANT & GOULD P.C.

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	04777.0106USC2-USC3
NAME OF SUBMITTER:	JONATHAN BERSCHADSKY
SIGNATURE:	/Jonathan Berschadsky/
DATE SIGNED:	06/30/2021

Total Attachments: 6

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> **PATENT REEL: 056714 FRAME: 0068**

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PATENT REEL: 056714 FRAME: 0069

ASSIGNMENT TO CORPORATION
WHEREAS,
1. Andreas Simon Thore JANSSON residing in New York, NY, USA and having a mailing address of c/o Spotify AB, Regeringsgatan 19, SE-111 53 Stockholm, Sweden:
(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled SINGING VOICE SEPARATION WITH DEEP U-NET CONVOLUTIONAL NETWORKS and which:
is the national stage application of International Application No
, filed) this application s U.S. Serial Number and filing date, when known; was filed on and was given U.S. Serial No; or is filed concurrently herewith;
including U.S. Provisional Application Serial No; including International Patent Application No; further including a European Patent Application. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, of Minneapolis, MN, US, to insert here in parenthesis (European Patent Application No, filed) this application's European Application Number and filing date, when known;
AND <u>Spotify AB</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Sweden</u> , and having an office and place of business at <u>Regeringsgatan 19</u> , <u>SE-111 53 Stockholm</u> , <u>Sweden</u>
wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.
THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, fittle and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.
THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed

Page 1 of 2

Attorney Docket No. 04777:0106US01

by THE UNDER	SIGNED.		
IN TESTIMONY	WHEREOF, TH	E UNDERSIGNED have hereunto set t	neir hand on the dates indicated below.
Name: <u>Andreas</u> JANSSON	Simon Thore	Signature:	Dats: / / / / / / / / / / / / / / / / / / /

ASSIGNN	MENT	TO	CORP	ORA	TION

WHEREAS,

- 1. <u>Andreas Simon Thore JANSSON</u> residing in <u>New York, NY, USA</u> and having a mailing address of <u>c/o Spotify AB, Regeringsgatan 19, SE-111 53 Stockholm, Sweden;</u>
- 2. <u>Angus William SACKFIELD</u> residing in <u>New York, NY, USA</u> and having a mailing address of <u>c/o Spotify</u> AB, Regeringsgatan 19, SE-111 53 Stockholm, Sweden;
- 3. <u>Ching SUNG</u> residing in <u>New York, NY, USA</u> and having a mailing address of <u>c/o Spotify AB</u>, Regeringsgatan 19, SE-111 53 Stockholm, Sweden;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled <u>SINGING VOICE SEPARATION WITH DEEP U-NET CONVOLUTIONAL NETWORKS</u> and which:

	is the national stage application of I	International Application No.	;	
	claims priority to U.S. Provisional 1	Patent Application No.	filed on;	
	will be filed without this executed I	PATENT ASSIGNMENT. T	HE UNDERSIGNED hereby	r
	authorizes, and requests, ASSIGNE	EE'S legal representatives, of	Merchant & Gould PC, who	are
	associated with customer number 2	3552, to insert here in parentl	nesis (U.S. Serial No	
	, filed) this application's U.S.	Serial Number and filing dat	te, when
	known;		_	
\boxtimes	was filed on August 6, 2018 and w	as given U.S. Serial No. 16/0	<u>55,870</u> ; or	
	is filed concurrently herewith;			
	·			
includ	ling U.S. Provisional Application Ser	ial No;		
includ	ling International Patent Application	No;		
further	r including a European Patent Applic	ation. THE UNDERSIGNED	hereby authorizes, and requ	uests,
ASSIC	GNEE'S legal representatives, of Me	rchant & Gould PC, of Minne	apolis, MN, US, to insert her	re in
parent	hesis (European Patent Application 1	No, fil	ed) this
applica	ation's European Application Number	er and filing date, when know	n;	

AND <u>Spotify AB</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Sweden</u>, and having an office and place of business at <u>Regeringsgatan 19</u>, <u>SE-111 53 Stockholm</u>, <u>Sweden</u>

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and

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interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be. THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed. by THE UNDERSIGNED. IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below. Date: Signature: Name: Andreas Simon Thore **JANSSON** Signature: Name: Angus William Sept 4th 2020 SACKFIELD Signature: Name: Ching SUNG READ AND APPROVED on the date indicated below by: Assignee: Spotify AB Date: Signature: Title: ___

ASSIGNN	MENT	TO	CORP	ORA	TION

WHEREAS,

- 1. <u>Andreas Simon Thore JANSSON</u> residing in <u>New York, NY, USA</u> and having a mailing address of <u>c/o</u> Spotify AB, Regeringsgatan 19, SE-111 53 Stockholm, Sweden;
- 2. <u>Angus William SACKFIELD</u> residing in <u>New York, NY, USA</u> and having a mailing address of <u>c/o Spotify</u> AB, Regeringsgatan 19, SE-111 53 Stockholm, Sweden;
- 3. <u>Ching SUNG</u> residing in <u>New York, NY, USA</u> and having a mailing address of <u>c/o Spotify AB</u>, Regeringsgatan 19, SE-111 53 Stockholm, Sweden;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled <u>SINGING VOICE SEPARATION WITH DEEP U-NET CONVOLUTIONAL NETWORKS</u> and which:

	is the national stage application of International Application Nofiled on;
	claims priority to U.S. Provisional Patent Application No filed on;
	will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby
	authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, who are
	associated with customer number 23552, to insert here in parenthesis (U.S. Serial No.
	, filed) this application's U.S. Serial Number and filing date, who
	known;
\boxtimes	was filed on August 6, 2018 and was given U.S. Serial No. 16/055,870; or
Ħ	is filed concurrently herewith;
_	•
☐ includ	ding U.S. Provisional Application Serial No;
	ding International Patent Application No.
	er including a European Patent Application. THE UNDERSIGNED hereby authorizes, and requests,
	GNEE'S legal representatives, of Merchant & Gould PC, of Minneapolis, MN, US, to insert here in
	thesis (European Patent Application No, filed) this
-	cation's European Application Number and filing date, when known;

AND <u>Spotify AB</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Sweden</u>, and having an office and place of business at <u>Regeringsgatan 19</u>, <u>SE-111 53 Stockholm</u>, <u>Sweden</u>

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and

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interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Name: Andreas Simon Thore JANSSON	Signature:	Date:
Name: Angus William SACKFIELD	Signature:	Date:
Name: Ching SUNG	Signatures	Date: 9/4/20
	/ 1	

READ AND APPROVED on the date indicated below by:

Spotify Ref. No. P1236US00

Assignee: Spotify AB	Signature:	Date:
By:		
Title:		

RECORDED: 06/30/2021 REEL: 056714 FRAME: 0075