

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6497412

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIN ZHONG	01/04/2021
KENJI NAKAMURA	10/08/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAKUTEN INC.
<b>Street Address:</b>	1-14-1, TAMAGAWA, SETAGAYA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	158-0094
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15848444
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)293-7860
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<b>Phone:</b>	2022937060
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<b>Address Line 2:</b>	SUITE 900
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006-1811
<b>ATTORNEY DOCKET NUMBER:</b>	Q236758
<b>NAME OF SUBMITTER:</b>	SHARON D. JONES, SECRETARY
<b>SIGNATURE:</b>	/Sharon D. Jones/
<b>DATE SIGNED:</b>	01/14/2021
<b>Total Attachments: 9</b>	
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# ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

## 特許出願宣言書付き譲渡書(37 CFR 1.63)

### Japanese Language Assignment with Declaration

下記に署名した発明者であり、以下に譲渡人と称される私（我々）は、下記の出願に記載された改良に関する発明をし、

\_\_\_\_\_の\_\_\_\_\_（譲受人）は、本件出願および本件発明、ならびに当該出願から得られるいかなる米国特許に関する全ての権利、権原、および利益の取得を要求します。

よって、価値ある対価の受領をここに承認し、

上で譲渡人として指名された私（我々）は、米国における本件出願およびその発明開示、全ての分割出願および継続出願、これら出願について許可された米国特許証、全ての再発行特許、ならびに全ての外国出願に関する全ての権利（改正後のパリ条約（1883年）に基づく優先権、ならびに 35 USC 119 に基づき優先権を主張する権利と過去分の損害賠償請求権を含む）、権原、および利益を、上で指定した譲受人、その承継人ないし権利承継者に売却、譲渡、移転するとともに、私（我々）は米国特許商標庁長官に対し、本件出願に記載の発明に対する特許証を、譲受人、その承継人ないし権利承継者に発行することを要請し、また、私（我々）は、譲受人が本件発明に係る外国特許出願を行うことに同意し、これ以上の対価なしに、譲受人の求めにより、本件米国・外国特許出願に関して譲受人が必要とみなす全ての書類を作成します。

（公証人による認証は不要であるが、これらの書類は、35 USC 261 に基づき推定された証拠となる）

私は、下記に記載の発明者として、以下の通り宣言します。

本宣言付き譲渡書は、以下に関します。

- 添付の出願書、または、
- \_\_\_\_\_年\_\_月\_\_日に出願された米国出願あるいま PCT 国際出願番号\_\_\_\_\_

本件出願の名称は、以下の通りです。

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, RAKUTEN INC. of 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

- The attached application, or
- United States Application or PCT International Application Number 15/848,444 filed on December 20, 2017.

The application is entitled:

Information processing device, information processing method, Program, and Storage medium

**Japanese Language Assignment with Declaration**

上記に明示された出願は、私が作成した、または作成を許可したものです。

私は、本件出願において請求項に記載された発明の本来の発明者、または、本来の共同発明者であると信じています。

私は、本宣誓付き譲渡書の提出に関わる本件出願の内容を検討し、理解しています。

私は、37 CFR 1.56 に定義されるように、自身を知る全ての特許性に関する重要な情報を、米国特許商標庁に開示する義務があることを認識しています。

私は、本宣誓付き譲渡書において故意に虚偽の供述を行った場合、18 USC 1001 に基づき、罰金あるいは5年以下の懲役、または両方による処罰の対象となることを認識しています。

The above identified application was made or was 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 have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

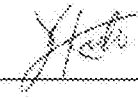
I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

**STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):**

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature



Date

March 11, 2014



**NAME OF SOLE OR FIRST INVENTOR:**

唯一あるいは第一の発明者名

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Nagaaki

Family Name or Surname

姓

HOSHI

Inventor's signature

発明者の署名

Date

日付

Residence:

住所:

Tokyo Japan

Mailing Address:

郵送先:

c/o Rakuten, Inc., 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan

**NAME OF SECOND INVENTOR:**

第二の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Lin

Family Name or Surname

姓

ZHONG

Inventor's signature

発明者の署名

Date

日付

Residence:

住所:

Tokyo Japan

Mailing Address:

郵送先:

c/o Rakuten, Inc., 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan

**NAME OF THIRD INVENTOR:**

第三の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Kenji

Family Name or Surname

姓

NAKAMURA

Inventor's signature

発明者の署名

Kenji Nakamura

Date

日付

October 8, 2019

Residence:

住所:

Tokyo Japan

Mailing Address:

郵送先:

c/o Rakuten, Inc., 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan

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- \_\_\_\_\_年\_\_月\_\_日に提出された米国出願あるいはPCT国際出願番号\_\_\_\_\_

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\_\_\_\_\_  
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\_\_\_\_\_

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Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

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Signature



Date

March 11, 2014

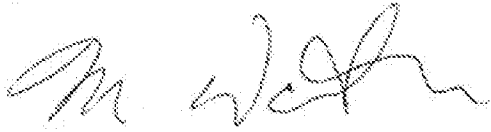




<b>NAME OF SOLE OR FIRST INVENTOR:</b> 唯一あるいは第一の発明者名		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合])	Nagaaki	Family Name or Surname 姓 HOSHI
Inventor's signature 発明者の署名		Date 日付
Residence: 住所: Tokyo Japan		
Mailing Address: 郵送先: c/o Rakuten, Inc., 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan		
<b>NAME OF SECOND INVENTOR:</b> 第二の発明者名:		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合])	Lin	Family Name or Surname 姓 ZHONG
Inventor's signature 発明者の署名	Lin Zhong	Date 日付 January 4, 2021
Residence: 住所: Tokyo Japan		
Mailing Address: 郵送先: c/o Rakuten, Inc., 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan		
<b>NAME OF THIRD INVENTOR:</b> 第三の発明者名:		
Given Name (first and middle [if any]) 名 (名およびミドルネーム [該当する場合])	Kenji	Family Name or Surname 姓 NAKAMURA
Inventor's signature 発明者の署名		Date 日付
Residence: 住所: Tokyo Japan		
Mailing Address: 郵送先: c/o Rakuten, Inc., 1-14-1, Tamagawa, Setagaya-ku, Tokyo 158-0094, Japan		

**Documentary Evidence of Obligation to Assign Invention**

The inventors listed below for each identified U.S. Patent Application, were employees of Rakuten, Inc. (1-14-1, Tamagawa, Setagaya-ku, Tokyo, 158-0094, Japan) at the time of the invention(s) reflected in the listed patents and applications, and were under obligation to assign their inventions to Rakuten, Inc. (1-14-1, Tamagawa, Setagaya-ku, Tokyo, 158-0094, Japan).



Makoto Watanabe

4 September 2020

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

General Manager, Intellectual Property Department

\_\_\_\_\_  
Title

Rakuten, Inc.

\_\_\_\_\_  
Company

Matter #	Inventor	Serial #	Filing Date	Patent #	Issue Date
Q217549	Roland ARAFAT	14/431379	26-Mar-2015		
Q218338	Zofia STANKIEWICZ	14/906409	20-Jan-2016	10,217,143	26-Feb-2019
Q219206	Zofia STANKIEWICZ	14/765390	3-Aug-2015		
Q221879	Duc DO BA	14/770602	26-Aug-2015	9,997,765	22-May-2018
Q231246	Jing CHEN	15/500949	1-Feb-2017	10,467,620	5-Nov-2019
Q231298	Jun KATAKAWA	15/329720	27-Jan-2017	10,255,250	9-Apr-2019
Q231959	Motoya TANAKA	15/514687	27-Mar-2017	10,664,902	26-May-2020
Q231965	Motoya TANAKA	15/514554	27-Mar-2017	10,380,676	13-Aug-2019
Q232588	Chenhui MA	15/543267	13-Jul-2017	10,475,109	12-Nov-2019
Q233007	Ryosuke SAKAI	15/522967	1-Mar-2018		
Q235850	Yasuharu WATANABE	15/563197	29-Sep-2017	10,713,260	14-Jul-2020
Q236758	Nagaaki HOSHI	15/848444	20-Dec-2017		
Q239168	Sonny KURNIAWAN	15/769240	18-Apr-2018	10,650,129	12-May-2020
Q240032	Teoh Chi YEONG Anirudh BANARJI	15/779585	29-May-2018		
Q253964	Takashi SATAKE	16/651023	26-Mar-2020		
Q253966	Takashi SATAKE	16/651011	26-Mar-2020		

PATENT

RECORDED: 01/14/2021

REEL: 055007 FRAME: 0277