# 504536213 09/07/2017 PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE: ASSIGNMENT						
CONVEYING PARTY DATA						
Name	Execution Date					
HONG YI	09/05/2017					
WEITAO GONG	09/05/2017					
HAIHUA YU	09/05/2017					
WEI WANG	09/05/2017					
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City: TOKYO						
State/Country: JAPAN						
Postal Code: 143-8555	143-8555					
Property Type Number						
Application Number:15697606						
CORRESPONDENCE DATA						
CORRESPONDENCE DATA Fax Number: (202)797-8188	ful. it will be sent					
CORRESPONDENCE DATA   Fax Number: (202)797-8188   Correspondence will be sent to the e-mail address first; if that is unsuccess using a fax number, if provided; if that is unsuccessful, it will be sent via US						
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CORRESPONDENCE DATAFax Number:(202)797-8188Correspondence will be sent to the e-mail address first; if that is unsuccess using a fax number, if provided; if that is unsuccessful, it will be sent via USPhone:202 797 4181Email:IPUSA@IPUSAPAT.COM, ips@itohpat.co.jpCorrespondent Name:IPUSA, P.L.L.CAddress Line 1:1054 31ST STREET, N.W.Address Line 2:SUITE 400						
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### **VERIFICATION OF TRANSLATION**

I, Tadashige Itoh, a Patent Attorney of Tokyo, Japan having my office at 16th Floor, Marunouchi MY PLAZA (Meiji Yasuda Seimei Building), 1-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 Japan do solemnly and sincerely declare that the English-language translation(s) in the attached combined declaration and assignment(s) is correct, true and faithful translation(s) to the best of my knowledge and belief.

Dated September 7, 2017



Tadashige Itoh Patent Attorney ITOH International Patent Office 16th Floor, Marunouchi MY PLAZA (Meiji Yasuda Seimei Building), 1-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 Japan

#### COMBINED DECLARATION AND ASSIGNMENT 特許出願宣言書及び譲波証

本譲渡証は、	(1)		K		
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(1)	, R	び(2)	sali she	(以下、	讀波人)
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譲渡人は、既に山原された、又は、本譲渡証と同時に暑 名される米国特許証のための侍許出願に記載された以下 の務明の名称を有する発明をなし;

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更に、同一の対価に対し、本書面の署名及び交付にあた り、譲渡人は、法律に基づき譲受人に対して発生する及 び/又は既に譲受人に移転された全ての権利、権原及び 利益を除き、譲渡人は上記発明及び特許証のための上記 THIS ASSIGNMENT, by <u>(1) Hong YI</u>, (2) Weitao GONG, (3) Haihua YU, and (4) Wel WANG, (hereinafter referred to as "Assignors"), residing at (1) Beijing, China, (2) Beijing, China, (3) Beijing, China, and (4) Beijing, China, respectively; WHEREAS, Assignors have made an invention entitled; IMAGE PROCESSING METHOD AND DEVICE AS WELL AS NON-TRANSITORY COMPUTER-READABLE MEDIUM,

STORDES WEDDIOM,

(Application No.\_\_\_\_\_\_ filed\_\_\_\_\_\_

set forth in a patent application for Letters Patent of the United States, either previously filed or executed concurrently herewith; and

WHEREAS, Ricoh Company, Ltd. (hereinafter referred to as "Assignee"), having offices at 3-6, Nakamagome 1chome, Ohta-ku, Tokyo 143-8555 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of Five Dollars (\$5.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations, continued prosecutions, and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights,

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譲渡人は本書類を米国特許商源庁へ登録するための規則 に従うために必要な又は望ましい更なる特定のための情 報を本譲渡証に挿入する権限を以下のものに与える:カ スタマーナンバー77464 に関連づけられている全ての有 資格者。

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私/我々は以上の証として以下の適切な欄に署名を行 う。 titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignce, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said invention, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said invention, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said invention in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation, continued prosecutions, or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby request that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said invention and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number <u>77464</u>.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHERBOF, I/WE have set our hand(s) in the appropriate space below.

Page 2 of 3

## 宣宣書

下記発明者である私は、以下を宣言します。

本宣言は、以下を対象とする:

□ 添付の出願、あるいは

□ 米国出願番号又は PCT 国際出願番号

として、 の日に提出された出願.

上記の出願は私自身、あるいは私が権限を授与したものに よって行われたものです。

私は本出願に記載の発明に関する原初の発明者、あるいは 原初の共同発明者です。

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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

filed on

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: Insert the necessary information and signature for this form in the English column only. The Japanese column is reference information to ald understanding of the English.

September 5, 201

Date (日付):

Date (日付):

Legal Name of Inventor (発明者氏名); Signature (発明者署名);

Date (日付):

Legal Name of Inventor(発明者氏名): Signature(発明者署名):

Date (日付):

Hong YI eptomber. 5 Weitao GONG Weitao G-DN

Wei WANG Page 3 of 3

# **RECORDED: 09/07/2017**