PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MING LIU	08/02/2017
LIANGXIONG WU	08/02/2017
BAOLIN WANG	08/02/2017

RECEIVING PARTY DATA

Name:	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.
Street Address:	ROOM 01, FLOOR 9, RAINBOW CITY SHOPPING MALL II OF CHINA RESOURCES, NO.68, QINGHE MIDDLE STREET, HAIDIAN DISTRICT
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15721736

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JAMES J. ZHU
SIGNATURE:	/James J. Zhu, Reg. No. 52,396/
DATE SIGNED:	09/30/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=6 Assignment and Declaration 0441198267US01 signed#page1.tif

PATENT REEL: 043747 FRAME: 0718 source=6_Assignment_and_Declaration_0441198267US01_signed#page2.tif source=6_Assignment_and_Declaration_0441198267US01_signed#page3.tif

PATENT REEL: 043747 FRAME: 0719

Attorney Docket: 044119-8267US01

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), (thereinafter referred to as
"Assignor(s)"), have invented one or more certain inventions (the "Invention(s)") described
in a United States Patent Application entitled <u>INFORMATION RETRIEVAL METHOD</u> ,
ELETRONIC DEVICE AND STORAGE MEDIUM (the "Application") and
⊠ executed concurrently herewith; or
☐ filed on

Beijing Xiaomi Mobile Software Co., Ltd., a legal entity existing under the laws of People's Republic of China, having an address at Room 01, Floor 9, Rainbow City Shopping Mall II of China Resources, NO. 68, Qinghe Middle Street, Haidian District, Beijing 100085, China (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries or regions in the world.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, any and all of our right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application, any other application claiming the same priority rights as the Application or claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"), whether now existing or hereafter arising. Assignors warrant that he is the sole inventor of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as

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Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee.

DECLARATION OF INVENTOR(S)

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) I believe that I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable under 18 U. S. C. 1001 by fine or imprisonment of not more than five (5) years, or both.

As a named inventor below, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. §1.56.

	08/02/201
Signature	Date
Ming LIU Print Name	
	Signature Ming LIU

Room 01, Floor 9, Rainbow City Shopping Mall II of China Resources, No. 68, Qinghe

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