

| |
|--------------------------------------|
| PATENT ASSIGNMENT COVER SHEET |
|--------------------------------------|

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5537049

| | |
|---|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YAZHAO LI | 08/30/2016 |
| RECEIVING PARTY DATA | |
| Name: | NOKIA TECHNOLOGIES OY |
| Street Address: | KARAPORTTI 3 |
| City: | ESPOO |
| State/Country: | FINLAND |
| Postal Code: | 02610 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16328032 |
| CORRESPONDENCE DATA | |
| Fax Number: | (704)444-1111 |
| <i>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.</i> | |
| Phone: | 704-444-1000 |
| Email: | usptomail@alston.com |
| Correspondent Name: | NOKIA CORPORATION AND ALSTON & BIRD LLP |
| Address Line 1: | BANK OF AMERICA PLAZA |
| Address Line 2: | 101 SOUTH TYRON STREET, SUITE 4000 |
| Address Line 4: | CHARLOTTE, NORTH CAROLINA 28280-4000 |
| ATTORNEY DOCKET NUMBER: | 042933/527652 |
| NAME OF SUBMITTER: | GUY R. GOSNELL |
| SIGNATURE: | /Guy R. Gosnell/ |
| DATE SIGNED: | 05/23/2019 |
| Total Attachments: 2 | |
| source=527652_Assignment#page1.tif | |
| source=527652_Assignment#page2.tif | |

ASSIGNMENT

I/we, (The ASSIGNOR(S)):

Yazhao Li

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby assign to (hereafter referred to as The ASSIGNEE):

Nokia Technologies OY
Karaportti 3
02610 Espoo
Finland

An invention entitled (Invention Title):

A METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR REMOVING WEATHER ELEMENTS FROM IMAGES

The PATENT RIGHTS referred to in this agreement are:

- a national Patent Application No. _____ filed on _____
- European Patent Application No. _____ filed on _____
- PCT application No. PCT/CN2016/096897 filed on August 26, 2016.

for this invention, executed by the ASSIGNOR(S):

- U.S. Patent Application Serial No. _____, filed _____
- U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- U.S. Patent rights
- worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any Patent Application identified above.
- the full and exclusive right to the invention;

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE, their successors and assigns:

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

NC101553

Yazhao Li

[Yazhao Li]

2016-8-30

Date

Yanwei Pang

Witness Signature

Printed Name Yanwei Pang

2016-8-30

Date