507220095 04/07/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7266945

Stylesheet Version v1.2

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| MANEESH KUMAR SINGH | 03/17/2022 |
| JULIAN YARKONY | 04/12/2021 |

RECEIVING PARTY DATA

| Name: | INSURANCE SERVICES OFFICE, INC. | |
|--------------------|---------------------------------|--|
| Street Address: | 545 WASHINGTON BOULEVARD | |
| City: | JERSEY CITY | |
| State/Country: | tate/Country: NEW JERSEY | |
| Postal Code: 07310 | | |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17132169 |
| Application Number: | 62952732 |

CORRESPONDENCE DATA

Fax Number: (973)297-6624

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: 973-639-6987

Email: mnikolsky@mccarter.com, jfava@mccarter.com

MARK E. NIKOLSKY **Correspondent Name:**

Address Line 1: MCCARTER & ENGLISH, LLP

Address Line 2: FOUR GATEWAY CENTER, 100 MULBERRY STREET

Address Line 4: **NEWARK, NEW JERSEY 07102**

ATTORNEY DOCKET NUMBER: 97171-00382 NAME OF SUBMITTER: JANELLE FAVA SIGNATURE: /Janelle Fava/ **DATE SIGNED:** 04/07/2022

Total Attachments: 2

source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif

> PATENT **REEL: 059527 FRAME: 0083** 507220095

ASSIGNMENT

WHEREAS, MANEESH KUMAR SINGH, a citizen of the United States of America, residing at 64 Caleb Lane, Princeton, New Jersey 08540; and JULIAN YARKONY, a citizen of the United States of America, residing at 281 Griffith Street, Unit 1, Jersey City, New Jersey 07307 (hereinafter "Assignors"), are the inventors of the invention entitled COMPUTER VISION SYSTEMS AND METHODS FOR OPTIMIZING CORRELATION CLUSTERING FOR IMAGE SEGMENTATION USING BENDERS DECOMPOSITION, for which an application for United States Letters Patent was filed on December 23, 2020, as Application No. 17/132,169, which claims the benefit of priority to Provisional Application No. 62/952,732 filed on December 23, 2019;

WHEREAS, INSURANCE SERVICES OFFICE INC., a corporation organized and existing under the laws of the State of Delaware and having a place of business at 545 Washington Boulevard, Jersey City, New Jersey 07310 (hereinafter "Assignee"), is desirous of acquiring all right, title and interest in and to said invention, said patent applications, and any patents that may be granted thereon or therefrom; and

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. Assignors hereby sell, assign and set over to Assignee the entire right, title and interest in and for the United States of America and all other countries in and to said invention and the aforesaid patent application, all original, nonprovisional, divisional, continuation, continuation-in-part, substitute or reissue design and/or utility applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said applications and/or applications resulting therefrom to INSURANCE SERVICES OFFICE INC., as assignee of the entire interest therein; and the undersigned for them and their legal representatives, heirs and assigns does hereby agree and covenant, without further remuneration, to execute and deliver all non-provisional, divisional, continuation, continuation-in-part, reissue and other applications for patent on said invention and all assignments and powers of attorney thereof to Assignee or its assigns, to communicate to Assignee or its legal representatives all facts known to the undersigned respecting said invention, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths and to do generally everything necessary to aid Assignee, its successors, assigns and nominees in obtaining patent protection on said invention in all countries, the expenses incident to said applications to be borne and paid by Assignee.

| Date:March 17, 2022 | By: MANEESH KUMAR SINGH |
|---------------------|----------------------------|
| INVENTOR 2 | |
| Date: | By: JULIAN YARKONY |

INVENTOR 1

ASSIGNMENT

WHEREAS, MANEESH KUMAR SINGH, a citizen of India, residing at 113 Canal View Drive, Lawrenceville, New Jersey 08648; and JULIAN YARKONY, a citizen of the United States of America, residing at 281 Griffith Street, Unit 1, Jersey City, New Jersey 07307 (hereinafter "Assignors"), are the inventors of the invention entitled COMPUTER VISION SYSTEMS AND METHODS FOR OPTIMIZING CORRELATION CLUSTERING FOR IMAGE SEGMENTATION USING BENDERS DECOMPOSITION, for which an application for United States Letters Patent was filed on December 23, 2020, as Application No. 17/132,169, which claims the benefit of priority to Provisional Application No. 62/952,732 filed on December 23, 2019;

WHEREAS, INSURANCE SERVICES OFFICE INC., a corporation organized and existing under the laws of the State of Delaware and having a place of business at 545 Washington Boulevard, Jersey City, New Jersey 07310 (hereinafter "Assignee"), is desirous of acquiring all right, title and interest in and to said invention, said patent applications, and any patents that may be granted thereon or therefrom; and

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and set over to Assignee the entire right, title and interest in and for the United States of America and all other countries in and to said invention and the aforesaid patent application, all original, nonprovisional, divisional, continuation, continuation-in-part, substitute or reissue design and/or utility applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said applications and/or applications resulting therefrom to INSURANCE SERVICES OFFICE INC., as assignee of the entire interest therein; and the undersigned for them and their legal representatives, heirs and assigns does hereby agree and covenant, without further remuneration, to execute and deliver all non-provisional, divisional, continuation, continuation-in-part, reissue and other applications for patent on said invention and all assignments and powers of attorney thereof to Assignee or its assigns, to communicate to Assignee or its legal representatives all facts known to the undersigned respecting said invention, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths and to do generally everything necessary to aid Assignee, its successors, assigns and nominees in obtaining patent protection on said invention in all countries, the expenses incident to said applications to be borne and paid by Assignee.

| INVENTOR | | |
|----------|---------|----------------------------|
| Date: | | By: MANEESH KUMAR SINGH |
| INVENTOR | ₹ 2 | |
| Date: | 4/12/21 | BY: DR JULIAN YARKONY |

1