

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BLACK SESAME INTERNATIONAL HOLDING LIMITED	11/21/2021

RECEIVING PARTY DATA

Name:	BLACK SESAME TECHNOLOGIES INC.
Street Address:	2290 N 1ST ST. STE100
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131

PROPERTY NUMBERS Total: 21

Property Type	Number
Application Number:	17316263
Application Number:	17313758
Application Number:	17357288
Application Number:	17339616
Application Number:	17341628
Application Number:	17349340
Application Number:	17355842
Application Number:	17355979
Application Number:	17370854
Application Number:	17460584
Application Number:	17381451
Application Number:	17460955
Application Number:	17381873
Application Number:	17356227
Application Number:	17463139
Application Number:	17463166
Application Number:	17370868
Application Number:	17382016
Application Number:	17463188
Application Number:	17382047

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Property Type	Number
Application Number:	17342017

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER: BLACKSESAME-2290

NAME OF SUBMITTER: TIMOTHY T. WANG

SIGNATURE: /Timothy T. Wang/

DATE SIGNED: 12/03/2021

Total Attachments: 3

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PATENT ASSIGNMENT AGREEMENT

Name (s) of Assignor (1) Black Sesame International Holding Limited

Address of Assignor(s) (2) 2290 N 1st St. STE100, San Jose CA 95131

Legal Name(s)

(hereinafter designated collectively as the Assignor) In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

Name(s) of Assignee (5) Black Sesame Technologies Inc.

Address of Assignee(s) (6) 2290 N 1st St. STE100, San Jose CA 95131

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for all countries in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all letters patent that may be granted under any continuations, divisions, reissues, reexaminations, renewals and extensions therefor and thereon and all continuations, divisions, reissues, reexaminations, renewals and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for said Inventions or Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the Inventions and the Patents under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates, copyrights and designs which may be granted for said Invention and/or Patent in any country or countries and all extensions, renewals and reissues thereof, that may be granted on the invention known as the title(s) and application number(s) listed in Exhibit A filed on even date herewith or as

1. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of industrial property on applications as aforesaid, to issue the same to Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.
2. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining patents for the Inventions in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.
3. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the Inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.
4. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.
5. All of the rights, title and interest in and to the Inventions and the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.
6. Each undersigned hereby grants the firm of **NI, WANG & MASSARD, PLLC** the power to insert on this assignment any further

identification that 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/21/2021

Assignor
Signature

 (SEAL)

TABLE A

Application No.	Title	Docket No.
17316263	HETEROGENEOUS COMPUTATION AND HIERARCHICAL MEMORY IMAGE SENSING PIPELINE	Blacksesame017
17313758	DEEP LEARNING BASED VISUAL SIMULTANEOUS LOCALIZATION AND MAPPING	Blacksesame061
17357288	NEURAL NETWORK ACCELERATION VIA GRAPH PARTITION	Blacksesame062
17339616	QUANTIZATION EVALUATOR	Blacksesame064
17341628	NEURAL NETWORK BASED AUTO-WHITE-BALANCING	Blacksesame066
17349340	HYBRID LANE MODEL	Blacksesame067
17355842	UNPROCESSED IMAGE CODING AND DECODING	Blacksesame068
17355979	AN IMAGE PROCESSING SYSTEM	Blacksesame071
17370854	ADAPTIVE MAC ARRAY SCHEDULING IN A CONVOLUTIONAL NEURAL NETWORK	Blacksesame072
17460584	HETEROGENEOUS ARCHITECTURE FOR DEPTHWISE-SEPERABLE CONVOLUTION BASED NEURAL NETWORK COMPUTATION ACCELERATION	Blacksesame073
17381451	POLARIZATION IMAGING SYSTEM WITH SUPER RESOLUTION FUSION	Blacksesame075
17460955	UNIFIED FLOW CONTROL FOR MULTI-CAMERA SYSTEM	Blacksesame076
17381873	CACHE-BASED WARP ENGINE	Blacksesame077
17356227	A TEXTURE REPLACEMENT SYSTEM IN A MULTIMEDIA	Blacksesame079

17463139	AGE AND GENDER ESTIMATION	Blacksesame091
17463166	METHOD OF HUMAN POSE ESTIMATION	Blacksesame092
17370868	BIO-SECURITY SYSTEM BASED ON MULTI-SPECTRAL SENSING	Blacksesame098
17382016	HUMAN PROTRAIT SEGMENTATION BASED IMAGE PROCESSING SYSTEM	Blacksesame099
17463188	MULTI-CHANNEL HIGH-QUALITY DEPTH ESTIMATION SYSTEM	Blacksesame103
17382047	MULTI-FRAME IMAGE SUPER RESOLUTION SYSTEM	Blacksesame108
17342017	STEREO VISION WITH WEAKLY ALIGNED HETEROGENEOUS CAMERAS	Blacksesame111