508680142 07/31/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI397972

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	LICENSE	

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF SOUTHERN CALIFORNIA	07/19/2024

RECEIVING PARTY DATA

Company Name:	e: National Institutes of Health	
Street Address: 6705 Rockledge Drive		
Internal Address: Suite 310		
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14513843

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.

Phone: (301)435-1986
Email: edison@nih.gov
Correspondent Name: DEITR Director

Address Line 1: 6705 Rockledge Drive

Address Line 2: Suite 310

Address Line 4: Bethesda, MARYLAND 20892

NAME OF SUBMITTER:Carolyn MosbySIGNATURE:Carolyn MosbyDATE SIGNED:07/31/2024

Total Attachments: 1

source=14513843#page1.tiff

PATENT REEL: 068219 FRAME: 0131

508680142

Patent Docket Number: 12-563-03

Invention Report Number: 7636101-12-0014

License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Generated on 07/15/2024 with iEdison

Title of Invention: IMAGE ENHANCEMENT USING MODULATION S	TRENGTH MAP AND MODULATION KERNI	<u>-L</u>
Inventor(s): Chaithanya A Ramachandra, Bartlett W. Mel	Chaithanya Ramachandra	
U.S. Filing/Issue Date: 10/14/2014		

Patent or Application Serial No.: 14/513,843

Grant/Contract Number(s): EY016093

Foreign Applications filed/intended in (countries): ___

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

- The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Sign	ed this 19	day of [July		11,		24].
Ву	Keith L. Johnson				11/-	12		
	(Institutional Business Official)			(Signature) /	1 1			
Title	Senior Patent Advisor	· · · · · · · · · · · · · · · · · · ·	*******					
For	UNIVERSITY OF SOUTHERN CALIFOR	RNIA		· · · · · · · · · · · · · · · · · · ·	»··	- MONOCOURTE		
	(Grantee/Contractor Organization)			eriche den en e	*#3560, *********			
At	1150 South Olive Street					renaskrutičia iz		
	Suite 2300	730		· · · · · · · · · · · · · · · · · · ·				***************************************
	(Business Address)	4			1,			and the second
	LOS ANGELES CA 90015	***		and the same of th				
	(City/State/Zipcode)			the second secon	· · · · · · · · · · · · · · · · · · ·	-		*** ** * * * ****

PATENT REEL: 068219 FRAME: 0132

RECORDED: 07/31/2024