PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4726090

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANKAJ N. TOPIWALA	11/14/2008
HYE-YEON CHEONG	10/08/2008
ALEXANDROS TOURAPIS	10/08/2008

RECEIVING PARTY DATA

Name:	FASTVDO LLC
Street Address:	3097 CORTONA DR
City:	MELBURNE
State/Country:	FLORIDA
Postal Code:	32940

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15614033

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ATTORNEY DOCKET NUMBER:	28529-37295/US	
NAME OF SUBMITTER:	EMILY M. ROSS, REG. NO. 74,837	
SIGNATURE:	/Emily M. Ross/	
DATE SIGNED:	12/08/2017	

Total Attachments: 4

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PATENT REEL: 044343 FRAME: 0782 504679368

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PATENT REEL: 044343 FRAME: 0783 Docket No.: 91133.21600 PATENT

ASSIGNMENT

WHEREAS We, Pankaj N. Topiwala, Hye-Yeon Cheong, and Alexandros Tourapis, having an address of 6429 Prestwick Drive, Clarksville, MD 21029, 151 N. Maple Street, #103, Burbank, CA 91505, and 151 N. Maple Street, #103, Burbank, CA 91505, respectively, ("Assignor"), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled **DEVICE AND METHOD FOR FAST BLOCK-MATCHING MOTION ESTIMATION IN VIDEO ENCODERS**, executed by us on the date of execution of this document, as shown below, or for which an application for United States Letters Patent was filed on <u>April 14, 2006</u>, and identified by United States Serial No. <u>11/404,602</u>;

AND WHEREAS, FastVDO, LLC (MD Corp), having an address of 5840 Banneker Rd., #270, Columbia, MD 21044, ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP the power to insert on this Assignment any further identification, including the application number and filing date, which 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.

PATENT REEL: 044343 FRAME: 0784

	ued for said invention to said Assignee, its legal representatives, r of the entire right, title and interest in and to said patent and the
11/14/08 Date	Pankaj N. Topiwala
STATE OF Mayland	_)) SS: _)
On this day of, 2008, to be the persons named in and who exe executed the same for the uses and purp	before me personally appeared <u>Pankaj N. Topiwala</u> to me known cuted the above instrument, and acknowledged to me that they oses therein set forth.
SEAL Susan T. Hall Notary Public Carroll Co., MD My Commission Expires	Show Hell Notary Public My commission expires Capul 9, 2012
10/08/200f Date	Hye-Yeon Cheong
STATE OF	SEE ATTACHED DOCUMENT
On this day of, 2008, before me personally appeared <u>Hye-Yeon Cheong</u> to me known to be the persons named in and who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes therein set forth.	
SEAL	Notary Public
	My commission expires

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent

Docket No.: 91133.21600	PATENT	
10/8/2008 Date	Alexandros Tourapis	
STATE OF	_)	
COUNTY OF	SEE ATTACHED DOCUMENT	
On this, 2006, before me personally appeared <u>Alexandros Tourapis</u> to me known to be the persons named in and who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes therein set forth.		
SEAL	Notary Public	
	My commission expires	
(NOTE: Legalization is not required 35 U.S.C. 261).	for recording, but is <i>prima facie</i> evidence of execution under	

CALIFORNIA ALL-PURPOSE ACKI	NOWLEDGMENT
State of California County of Los Angeles	}
On Sth OCTOBER ZOOK before me, Jason	Martinson Notary Public.
personally appeared Alexandros Toura	, , , , , , , , , , , , , , , , , , ,
JASON MARTINSON Commission # 1805085 Notary Public - California Los Angeles County My Comm. Expires Jul 1, 2012	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/ber/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
,	WITNESS my hand and official seal.
Place Notary Seal Above	Signature Signature of Notary Public
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