

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC. AND TWITTER, INC.
Petitioner

v.

SUMMIT 6, LLC
Patent Owner

Case No.: IPR2015-00688
Patent 7,765,482

DECLARATION OF PETITIONER'S EXPERT DR. ANDREW LIPPMAN

Apple/Twitter
E-1002

TABLE OF CONTENTS

I.	Qualifications.....	4
II.	List of Documents Considered in Formulating My Opinion	8
III.	Understanding of Patent Law	10
IV.	Secondary Considerations of Non-Obviousness	14
V.	Technical Background	16
	A. Media File Transfer Between Devices	18
	B. Media File Conversion	19
	C. Media File Publishing On Web Pages	21
	D. File Handling on a Device via a User Interface	21
	E. Graphical Web Browsers	22
	F. Web Browser-Based Applications	22
	G. File Selection on a Graphical Web Browser	24
	H. Transmitting identifying information associated with digital content	27
	I. Retrieving/transmitting user-identifying information / authorization and access.....	28
VI.	Person of Ordinary Skill in the Art.....	29
VII.	The Scope of The '482 Patent	30
VIII.	Claim Construction.....	31
	A. “pre-processing”	31
	1. modifying	32
	2. Before further processing.....	33
IX.	Summary of Prior Art	35

Inter Partes Review of U.S. Patent 7,765,482 – Declaration of Dr. Lippman

A.	Creamer (Ex. 1003).....	35
B.	Mattes (Ex. 1006).....	36
X.	Grounds for Obviousness of Challenged Claims	37
A.	Creamer’s Integrated Internet/Intranet Camera	37
B.	Mattes’ Apparatus and Methods for Recording, Communication and Administering Digital Images	37
C.	Summary of Invalidity of the ’482 Patent.....	38
1.	Invalidity of claims 1, 4, 6, 8, 10, 12, 13, 14, 16-23, 25, 35, 37, 38, 40-42, 44-46, 49 and 51 of the ’482 Patent over Creamer .	40
2.	Invalidity of claims 1, 4, 6, 8, 10, 12, 25, 37, 49 and 51 of the ’482 Patent over Mattes	159
3.	Invalidity of claims 16, 17, 18, 20, 35, and 46 of the ’482 Patent over Mattes in view of Creamer.....	240
D.	Motivation to Combine Mattes with Creamer	240
XI.	Conclusion	258

I, Andrew B. Lippman, hereby declare as follows:

1. I have been retained by Sterne, Kessler, Goldstein, and Fox (“SKGF”) to provide my opinion concerning the validity of U.S. Pat. No. 7,765,482 (“the ’482 Patent”). This work is adjunct to SKGF’s services as attorneys on behalf of their clients, Apple Inc. and Twitter, Inc. against Summit 6 LLC, owner of the ’482 Patent. I am being compensated for my time at the rate of \$550 per hour. This declaration covers arguments being presented in four *inter partes* review petitions challenging the ’482 Patent, which are being filed concurrently with this declaration.

I. Qualifications

2. My experience and education are detailed in my curriculum vitae, which is attached to this report, Exhibit 1002. The curriculum vitae provides a listing of all publications on which I am a named author and also identifies all cases in which I have previously provided expert testimony.
3. I am currently a Senior Research Scientist at the Massachusetts Institute of Technology (“MIT”) and Associate Director of the MIT Media Laboratory, a >\$25,000,000 research and teaching facility at MIT that I helped establish in the early 1980s. In addition, I am a principle investigator and director of the Media Laboratory’s “Digital Life Consortium,” a multi-sponsor research program initiated in 1997 to address aspects of computing and personal

expression. I am also co-principal investigator of the Communications Futures Program, a program that unifies diverse research across MIT that relate to the technology, policy, and economics of communications.

4. I have supervised over 50 Master's and PhD theses in the MIT Media Arts and Sciences program. Through the course of my career, I have directed and been principal investigator of research supported by the Defense Department (DARPA), the Office of Naval Research (ONR), the National Science Foundation (NSF), and over 50 industrial companies. I have never totaled the net research volume, but it is in excess of \$50 million. I have taught a course entitled Digital Video as well as MIT freshman physics seminars, and I direct a graduate research group that addresses the principles of Viral Communications systems that empower the end user to create innovative systems that can scale. Much of my current research in Viral Communications involves the design of the hardware and software environment for wireless, personal radio networking that can survive infrastructure failures from, among other things a hurricane or storm.
5. I received my undergraduate degree in Electrical Engineering from MIT in 1971. I received a Master's of Science degree from MIT in 1978, and a Ph.D. degree in Electrical Engineering from the École Polytechnique Fédérale de Lausanne in 1995. My thesis was on the topic of scalable video,

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