UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE, INC. Petitioner v.

B.E. TECHNOLOGY, LLC Patent Owner

IPR Case No.: To be Assigned

DECLARATION OF STEPHEN GRAY IN SUPPORT OF PETITIONER GOOGLE, INC. IN THE *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,771,290

Mail Stop **Patent Board** Patent Trial and Appeal Board U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

DOCKET A L A R M Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

TABLE OF CONTENTS

I.	INTRODUCTION1			
II.	BASIS FOR OPINIONS			
	(a)	Qualifications	3	
	(b)	Preparation for this Declaration	7	
	(c)	Level of Ordinary Skill in the Art	7	
III.	LEGAL UNDERSTANDINGS			
	(a)	A Person of Ordinary Skill in the Art	8	
	(b)	Legal Standard for Prior Art	9	
	(c)	Legal Standard for Anticipation	10	
	(d)	Legal Standard for Obviousness	11	
	(e)	Claim Construction	15	
IV.	TECHNOLOGY BACKGROUND16			
	(a)	The Internet and the World Wide Web	16	
	(b)	Webpage Design, Function, and Operation	18	
	(c)	Server Technology	21	
	(d)	Cookies	24	
V.	THE	E '290 PATENT	26	
	(a)	The '290 Patent Overview	26	
VI.	PRIOR ART CONSIDERED			
	(a)	Identification of the Primary Prior Art References	34	
	(b)	General Summary of the Primary Prior Art References	35	
	(c)	WO 6709682 (Kikinis)	35	
	(d)	U.S. Patent No. U.S. 5,732,214 (Subrahmanyam)	40	
VII.	ANALYSIS OF THE CHALLENGED CLAIMS AGAINST THE PRIOR ART			
	(a)	Claim Construction	43	

TABLE OF CONTENTS (continued)

Page

	(b)	Application of the Prior Art to the Claims	.45
	(c)	Kikinis	.46
	(d)	Subrahmanyam	.60
VIII.	SECC	ONDARY CONSIDERATIONS	.85
IX.	RIGH	T TO SUPPLEMENT	.86
X.	CON	CLUSION	.87

I. <u>INTRODUCTION</u>

1. I, Stephen Gray, have been retained by Mayer Brown, LLP on behalf of Petitioner Google Inc. ("Google") as an independent expert in this *Inter Partes* review by the U.S. Patent and Trademark Office. As part of my engagement I have been asked to provide analysis and expert opinions on the following topics: (a) the disclosure of U.S. Patent No. 6,771,290 ("the '290 Patent"); and (b) the validity of claims 2 and 3 of the '290 Patent. I understand that Claims 2 and 3 have been asserted by Patent Owner B.E. Technology, LLC ("B.E. Technology") against Google in co-pending litigation styled *B.E. Technology, L.L.C. v. Google Inc.*, Civil Action No. 12-cv-02830-JMP-TMP pending in the United States District Court for the Western District of Tennessee.

2. It is my opinion that Claims 2 and 3 (the "Challenged Claims") are invalid in view of the prior art discussed later in this Declaration. Specifically, it is my opinion that the prior art constitutes, discloses, teaches, or suggests the inventions claimed in the Challenged Claims, and thus the Challenged Claims are anticipated and/or rendered obvious by the prior art, including the knowledge of those skilled in the art. The particular references that invalidate the Challenged Claims, as well as the reasons for my opinion, are set forth in detail below.

3. I am being compensated for my work on this case at my standard consulting rate of \$405 per hour. I am also being reimbursed for expenses that I

incur. My compensation is not contingent upon the results of my study, the substance of my testimony, or the outcome of this case.

4. This declaration explains, based on facts and information available to me to date, the subject matter and opinions related to this *Inter Partes* review. As such, I am prepared to provide expert testimony regarding opinions formed resulting from my analysis of the issues considered in this declaration if asked about those issues by the Board or by the private parties' attorneys.

5. Additionally, I may discuss my own work, teachings, and knowledge of the state of the art in the relevant time period. I may rely on handbooks, textbooks, technical literature, and the like to demonstrate the state of the art in the relevant period and the evolution of relevant technologies.

6. This declaration describes my opinions in the matter named above. However, I respectfully reserve my right to alter or supplement my analysis in response to any criticisms or alternative opinions offered by B.E. Technology or any other matter that might cause me to alter my opinion.

7. It is my understanding that discovery may occur in this proceeding. I reserve the right to modify or supplement my opinions, as well as the basis for my opinions, in light of any documents, testimony, or other evidence that may emerge during the course of this matter, including depositions that have yet to be taken.

DOCKET A L A R M



Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.