PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO. 7,860,131

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the *Inter Partes* Review of U.S. Patent No. 7,860,131

Trial No.: Not Yet Assigned

Issued: December 28, 2010

Filed: June 7, 1995

Inventors: John Christopher Harvey, et al.

Assignee: Personalized Media Communications, LLC

Title: SIGNAL PROCESSING APPARATUS AND METHODS

MAIL STOP PATENT BOARD

Patent Trial and Appeal Board United States Patent & Trademark Office P.O. Box 1450 Alexandria, Virginia 22313-1450

PETITION FOR INTER PARTES REVIEW UNDER 37 C.F.R. § 42.100

On behalf of Zynga Inc. ("Zynga" or "Petitioner") and in accordance with 35 U.S.C. § 311 and 37 C.F.R. § 42.100, *inter partes* review is respectfully requested for claims 1, 3, 4, 6, 9 and 11 of U.S. Patent No. 7,860,131 ("the Harvey '131 Patent"), attached hereto as Exhibit 1001.

The undersigned representative of Petitioner authorizes the Patent Office to charge the \$27,200 Petition Fee, along with any additional fees, to Deposit Account 501432, ref: 479204-620003. Six claims are being reviewed, so no excess claim fees are required.



Table of Contents

| | | P | age |
|------|------|--|------------|
| I. | INTI | RODUCTION | 1 |
| II. | GRO | OUNDS FOR STANDING PURSUANT TO 37 C.F.R. § 42.104(a) | 2 |
| III. | OVE | ERVIEW OF THE HARVEY '131 Patent | 2 |
| IV. | | NTIFICATION OF CHALLENGE PURSUANT TO 37 C.F.R104(b) | 9 |
| | A. | 37 C.F.R. § 42.104(b)(1): Claims for Which <i>Inter Partes</i> Review is Requested | |
| | В. | 37 C.F.R. § 42.104(b)(2): The Specific Art and Statutory Grounds on Which the Challenge is Based | |
| | C. | 37 C.F.R. § 42.104(b)(3): How the Challenged Claims Are to Be Construed. | .10 |
| | D. | 37 C.F.R. § 42.104(b)(4): How the Construed Claims are Unpatentable Under the Statutory Grounds Identified | .11 |
| | E. | 37 C.F.R. § 42.104(b)(5): Evidence Supporting Petitioner's Challenge. | .11 |
| V. | OF C | CRE IS A REASONABLE LIKELIHOOD THAT AT LEAST ONE CLAIMS 1, 3, 4, 6, 9 AND 11 OF THE HARVEY '131 PATENT IS PATENTABLE | 12 |
| | A. | CLAIMS 1, 3, 4, 6, 9 AND 11 ARE ANTICIPATED BY HIGGINS. | 12 |
| | В. | CLAIMS 1, 3, 4, 6, 9, AND 11 ARE ANTICIPATED BY HEDGES. | .25 |
| | C. | CLAIMS 1, 3, 6, 9 AND 11 ARE ANTICIPATED BY SITRICK | 4 1 |



| | D. | CLAIM 4 IS OBVIOUS OVER HIGGINS IN VIEW OF HEDGES | 52 |
|------|-----|---|----|
| | E. | CLAIM 4 IS OBVIOUS OVER SITRICK IN VIEW OF HEDGES. | 54 |
| VI. | MAN | NDATORY NOTICES PURSUANT TO 37 C.F.R. § 42.8(a)(1) | 56 |
| | A. | 37 C.F.R. § 42.8(b)(1): Real Party-In-Interest | 56 |
| | B. | 37 C.F.R. § 42.8(b)(2): Related Matters | 56 |
| | C. | 37 C.F.R. § 42.8(b)(3) and (4): Lead and Back-Up Counsel and Service Information. | 57 |
| VII. | CON | CLUSION | 57 |



PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO. 7,860,131

I. INTRODUCTION

The Harvey '131 Patent is currently being wielded by the patent owner, Personalized Media Communications, LLC ("PMC"), in an attempt to cover long-known computer programming and networking techniques that are far afield from the alleged invention described in the patent. (See, Personalized Media Communications, LLC v. Zynga, Inc., U.S. District Court for the Eastern District of Texas, Civil Action No. 2:12-cv-68-JRG) PMC's aggressive litigation campaign is made possible by an overly-expansive claim scope that results from a long and tortured prosecution history dating back to an original filing in November 1981, and includes approximately 300 related applications filed in 1995 in an effort to extend the patent term well beyond what is justifiable.

Most of the near 300 applications filed in 1995, including the application that matured into the Harvey '131 Patent, were directed to television and radio technology, as described in the specification of the Harvey '131 Patent. Also related to television technology were most of the thousands of prior art references cited by the patent owner during prosecution, including a single IDS citing over 700 references.

The allowed claims, first added by amendment nearly four years after the Harvey '131 Patent was filed in 1995 and almost 12 years after its 1987 priority date, are being asserted against online computer gaming technology, in a way that



PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO. 7,860,131

extends far beyond the television technology disclosed in the specification of the Harvey '131 Patent and the prior art considered by the Patent Office. (*See*, *e.g.*, PMC Infringement Contentions against Zynga, attached as Exhibit 1002.) This type of computer technology was well known before the 1987 priority date of the Harvey '131 Patent, however, as demonstrated by the teachings of the Higgins, Hedges and Sitrick references cited herein. Petitioner submits that had these more-relevant references been considered by the Patent Office during prosecution, at least claims 1, 3, 4, 6, 9 and 11 of the Harvey '131 Patent would not have issued, and therefore this petition for *inter partes* review should be granted.

II. GROUNDS FOR STANDING PURSUANT TO 37 C.F.R. § 42.104(a)

Petitioner certifies that the Harvey '131 Patent is available for *inter partes* review and that Petitioner is not barred or estopped from requesting *inter partes* review challenging the patent claims on the grounds identified herein.

III. OVERVIEW OF THE HARVEY '131 PATENT

The Harvey '131 Patent was filed on June 7, 1995 and issued on December 28, 2010. The patent claims priority to a series of continuation and continuation-in-part applications dating back to November 3, 1981, but, as detailed below, is only entitled to an effective filing date of no earlier than September 11, 1987 (the filing date of U.S. Patent No. 4,965,825.)



DOCKET

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.

