

Paper No. 1
Filed: November 3, 2021

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

MEMORYWEB, LLC,
Patent Owner.

Case No. IPR2022-00033
U.S. Patent No. 10,423,658

PETITION FOR *INTER PARTES* REVIEW

TABLE OF CONTENTS

I.	INTRODUCTION	1
II.	COMPLIANCE WITH IPR REQUIREMENTS	2
A.	Certification of Standing	2
B.	Mandatory Notices	2
1.	Real Party-in-Interest	2
2.	Related Proceedings	2
3.	Counsel and Service Information.....	3
III.	IDENTIFICATION OF CHALLENGED CLAIMS.....	3
IV.	TECHNICAL BACKGROUND.....	4
A.	Digital Photography and Metadata.....	4
B.	Metadata Standards	4
C.	Photo Organizer Applications and Websites.....	5
D.	Common Features of Photo Applications	6
V.	THE '658 PATENT	8
A.	Effective Filing Date and AIA Status	8
B.	Person of Ordinary Skill in the Art	9
C.	Overview of the '658 Patent.....	9
D.	Prosecution History	11
VI.	CLAIM CONSTRUCTION.....	12
VII.	THE CHALLENGED CLAIMS ARE UNPATENTABLE.....	12
A.	Prior Art Overview	12
1.	A3UM	12
a.	Prior Art Status	12
b.	Overview.....	17
2.	Belitz	21
3.	Rasmussen.....	23

B.	Claims 1-2 and 5-15 Are Obvious Over A3UM and Belitz.....	23
1.	Belitz Suggests Modifying A3UM to Use Photo Thumbnails Instead of Pins in the A3UM Interactive Map.....	24
2.	Claim 1	30
a.	Preamble	30
b.	Selectable Elements	36
c.	Map View and Interactive Map	37
d.	First and Second Location Selectable Thumbnail Images.....	40
e.	First and Second Count Values Images.....	44
f.	First and Second Location Views.....	47
3.	Claim 2	50
4.	Claim 5	51
a.	People View.....	51
b.	First and Second Person Selectable Thumbnail Images.	52
c.	First and Second Names	58
5.	Claim 6	60
6.	Claims 7 and 10.....	61
7.	Claims 8 and 11.....	62
8.	Claims 9 and 12.....	65
9.	Claim 13	66
a.	Album Selectable Element and Album View.....	66
b.	First and Second Album Selectable Thumbnail Images	68
c.	First and Second Album Names	71
10.	Claims 14 and 15.....	72
C.	Claims 3-4 Are Obvious Over A3UM, Belitz, and Rasmussen.....	75
1.	“Displaying” the “Map Images”	78
2.	“Indicating the Geographic Coordinates”	80

VIII. THE BOARD SHOULD NOT EXERCISE ITS DISCRETION UNDER § 314(a) or § 315(d)	84
A. Section 314(a).....	84
1. Factor 1 (Possibility of Stay) is Neutral.....	85
2. Factor 2 (Trial Date) Favors Institution	85
3. Factor 3 (Investment in Parallel Proceedings) Favors Institution	86
4. Factor 4 (Overlapping Issues) Favors Institution	87
5. Factor 5 (Overlapping Parties) is Outweighed by Other Factors	87
6. Factor 6 (Strength of Petition and Other Considerations) Favors Institution	88
B. Section 325(d)	89
IX. CONCLUSION	89
Exhibit List	91
Certificate of Compliance.....	95
Certificate of Service.....	96

I. INTRODUCTION

Petitioner Apple Inc. (“Apple”) requests *inter partes* review of claims 1-15 (“challenged claims”) of U.S. Patent No. 10,423,658 (“’658 patent”). The ’658 patent claims digital photo management methods that use well-known user interface elements to select and display desired photos using a “map view” showing the location where photos were taken. The prior art, however, described photo management systems with these interface elements before early 2011. Most notably, A3UM—not considered during examination—describes a photo management system that allows users to select and view digital photos and videos using locations on an interactive map (“Places”). In fact, the only potential distinction between the ’658 patent claims and A3UM involves the *style* of markers used on the interactive map: A3UM uses pins, while the ’658 patent requires “thumbnail images.” That distinction cannot render the claims patentable: Belitz demonstrates that using thumbnail images on interactive maps to select and display photos was a conventional technique in analogous photo management systems.

Because the evidence demonstrates that the ’658 patent claims are obvious based on A3UM in view of Belitz, the Board should institute *inter partes* review.

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.