Page 1

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SONY COMPUTER ENTERTAINMENT AMERICA LLC
Petitioner

v.

APLIX IP HOLDINGS CORPORATION

Patent Owner

Case No. IPR2015-00533

Case No. IPR2015-00476

Case No. IPR2015-00396

Patent No. 7,218,313

DEPOSITION OF DR. GREGORY F. WELCH

VOLUME I, PAGES 1 - 87

AUGUST 19, 2015

(The following is the deposition of DR. GREGORY F. WELCH, taken pursuant to agreement of counsel, at the Hyatt Regency Orlando International Airport Hotel, Orlando, Florida, commencing at approximately 9:57 o'clock a.m., August 19, 2015.)



	Page 2		Page 4
1	APPEARANCES:	1	A. That's correct.
2	On Behalf of the Petitioner:	2	Q. And you're here today to give your
3	Abran Kean ERISE IP	3	deposition in connection with those three declarations
4	5600 Greenwood Plaza Boulevard, Suite 200	4	that you submitted in those three IPRs.
	Greenwood Village, Colorado 80111	5	A. That's correct.
5	O D 1 16 64 D 4 40	6	Q. And just for the record, by agreement of the
6	On Behalf of the Patent Owner:	7	parties we'll have one deposition and one transcript
	Robert J. Gilbertson	8	for all three of those. All transcripts from the case
7	GREENE ESPEL PLLP	9	can be filed as exhibits in all of the IPRs. I think
8	Campbell Mithun Tower, Suite 2200 222 South Ninth Street	10	the idea was that that would reduce the burden on
0	Minneapolis, Minnesota 55402-3362	11	witnesses and reduce duplication. Many of the
9	1	12	references at issue in the '313 IPRs are the same as
1.0	ALSO APPEARING:	13	references that were at issue in the '245 and '692
10	Callie Pendergrass, Senior Technical	14	
11	Advisor, Erise IP		IPRs, so we don't necessarily have to cover everything
12		15	every time.
13 14	INDEX	16	Are you ready to begin, Dr. Welch?
15	EXHIBITS DESCRIPTION PAGE MARKED	17	A. Yes. Thank you.
16	Ex 2006 Four-page excerpt of Willner	18	Q. Do you have in front of you the three
17	Patent 5,874,906 with handwritten	19	declarations? And for the record I'll note in the
18 19	notations 74	20	00396 IPR it's Exhibit 1013, in the 00476 IPR it's
20		21	Exhibit 1009, and in the 00533 IPR it's Exhibit 1008.
21		22	Do you have all those?
22		23	A. I do.
23 24		24	Q. And do those declarations contain true and
25		25	complete statements of your testimony and opinions
	Page 3		Page 5
1	PROCEEDINGS	1	relating to these IPRs?
2	(Witness sworn.)	2	A. Yes, they do, at the time of the writing for
3	DR. GREGORY F. WELCH	3	sure.
4	called as a witness, first duly sworn,	4	Q. And is there something that's come up since
5	was examined and testified as follows:	5	that's caused you to believe that there was an error
6	ADVERSE EXAMINATION	6	or something incomplete about them?
7	BY MR. GILBERTSON:	7	A. No.
8	Q. Welcome back, Dr. Welch.	8	Q. Who wrote those declarations?
9	A. Thank you.	9	MR. KEAN: Objection to the extent it calls
10	Q. You've been retained as an expert witness by	10	for protected information.
11	Sony Computer Entertainment America and have provided	11	A. So I don't know how much we can rely on the
12	declarations or direct testimony in seven IPR	12	previous deposition that we did back on the 18th, but,
13	proceedings relating to APLIX; is that right?	13	you know, my answer would be the same as then, which
14	A. That's correct.	14	is that the intellectual content certainly all the
15	Q. That includes IPR proceedings relating to	15	technical intellectual content came from the out of
16	the '245 and '692 patents, and you gave your	16	discussions. You know, some of it I may have
17	deposition on those two declarations on July 28 and 29	17	handwritten, some of it someone else may have hand-
18	here in Orlando; is that correct?	18	drafted, but it's all intellectually mine. The
	A. That sounds right. I don't remember the	19	legal
⊥ ∀			And this is this is not specific to this
19 20	dates, but I'll take your word for it	20	
20	dates, but I'll take your word for it. O. Okay. And you also represent SDEA in	20 21	
20 21	Q. Okay. And you also represent SDEA in	21	necessarily because I don't want to convey or break
20 21 22	Q. Okay. And you also represent SDEA in connection with three different IPRs challenging U.S.	21 22	necessarily because I don't want to convey or break confidences in any way, but that's the way I typically
20 21 22 23	Q. Okay. And you also represent SDEA in connection with three different IPRs challenging U.S. Patent No. 7,218,313, and for the record I'll just	21 22 23	necessarily because I don't want to convey or break confidences in any way, but that's the way I typically work, is we talk, I respond to questions, I give
20 21 22	Q. Okay. And you also represent SDEA in connection with three different IPRs challenging U.S.	21 22	necessarily because I don't want to convey or break confidences in any way, but that's the way I typically

2 (Pages 2 to 5)



Page 6 Page 8 1 Q. And just so you know, the testimony from the 1 you analyzed in connection with your work on the 00396 2 '245 and '692 IPRs will be available in this 2 declaration; is that right? 3 3 proceeding as well. A. That's correct. 4 4 It sounds like the process you used to Q. And I'm going to have some questions for you 5 5 today about Pallakoff and Ishihara. They're listed in create the three declarations for the '313 patent is about the same as the process you used for the '245 6 the 00396 declaration as Exhibits 1006 and 1007; is 7 and '692 declarations. 7 that right? 8 8 A. That's correct, yeah. As I -- as I said, Are you having trouble finding them? 9 9 that's the way I typically work and I believe that's A. I'm having trouble finding Ishihara. 10 10 Q. It's the next one right below Pallakoff. the way we did it here, yeah. 11 11 Q. So as with the '245 and '692 IPRs, am I A. Yes, I see it. Okay. It doesn't --12 right that your declarations in the '313 patent IPRs 12 "Certified English Translation..." I got 13 do not include opinions about how particular claim 13 it. Thank you. 14 terms in the '313 patent should be construed? 14 Q. And just for the record, I'll note that 15 15 A. I don't think that they do. I don't recall Pallakoff is Exhibit 1004 in the 00476 IPR and also Exhibit 1004 in the 00533 IPR, and Ishihara is not 16 that. I think I refer to proposed constructions, 16 17 used in the 00476 IPR but is Exhibit 1005 in the 00533 maybe, in the -- if I could refer to the 00533 17 18 declaration as the 00533 declaration, I think in there 18 19 19 I refer to proposed constructions by the petitioner, Dr. Welch, how did Pallakoff initially come 20 20 and it's my understanding that -- since then that the to your attention? 21 21 board has adopted those constructions. But beyond MR. KEAN: Objection to the extent it calls 22 22 for privileged information and protected information. that, I have not, that I recall, offered an opinion on 23 any claim construction. 23 A. I don't recall, as I think I've said before. 24 24 MR. GILBERTSON: This is a question for I looked at and discussed a lot of art -- which is 25 25 counsel for SDEA. It occurred to me that the typical for me if I do something like this -- with the Page 7 1 transcripts might be more usable for the judges if, 1 petitioner, and together decided that some was better 2 when we refer to the 396, 476 and 533, that the 2 than others for this purpose. But specifically, I 3 3 transcript would show those with the two zeroes don't recall. 4 preceding the numbers so it doesn't look like three 4 O. Same answer for Ishihara? 5 different patents. 5 A. That's correct. 6 MR. KEAN: Sure. Yeah, I think that's a 6 Q. Let me ask you to turn in --7 7 good solution. I think that makes good sense. Actually, please turn to the 00533 8 8 declaration to paragraph 33. MR. GILBERTSON: Okay. Thank you. 9 9 THE WITNESS: I'll try and refer to them in A. Okay. 10 10 that way also. Q. And this paragraph appears within the 11 MR. GILBERTSON: I guess what I'm suggesting 11 section of your 00533 declaration on Background of the 12 12 is even if you don't, that if, by agreement of Technology. You cite a couple of exhibits in -- well 13 13 counsel, and presuming the court reporter is okay with let me back up. 14 14 it, that the trans -- even if we say "the 533 Paragraph 33 of your 00533 declaration has 15 15 declaration," it will be transcribed as "00533." Does to do with touchscreens generally; right? 16 that make sense? 16 A. Generally, yes, I believe that's correct. 17 THE WITNESS: I understand. That makes 17 Q. And you cite a couple of exhibits in that 18 sense and I like it. 18 paragraph, one of which is referred to as Sears, 19 19 MR. KEAN: Yeah. I think that's a good Exhibit 1026; is that right? 20 20 A. That's correct. idea. 21 21 BY MR. GILBERTSON: Q. If you could have a look at the third 22 Q. Let me ask you about the 00396 declaration, 22 sentence of your declaration that begins, "The use 23 23 paragraph 14. of..." 24 24 A. Okay. A. The third sentence in 33, paragraph 33? 25 25 Q. In this paragraph you list materials that



Page 10 Page 12 1 1 allow users to draw shapes or letters which are used A. Okav. 2 Q. And just so it's easy for someone reading 2 as input." So just as one example, you know, those 3 3 would all involve sliding gestures, as would the -- I the testimony, I'll read that sentence into the 4 4 guess it's the fourth sentence, which says, "Free hand record. Quote, "The use of sliding gestures on touch 5 5 surfaces for various applications, including games, input includes tasks like drawing in a graphics 6 was common at least as early as 1990, and was package...," and so on, which would all involve 7 understood to offer 'a more powerful method of input sliding your finger across the screen. 8 than either target selection or direct manipulation." 8 Q. The part from Sears that you quoted includes 9 9 the phrase "target selection." Do you see that in the Did I read that correctly? 10 10 first full paragraph on intrinsic page 17 of the Sears A. Yes. 11 11 reference, Exhibit --Q. And for that proposition you cite both of 12 the exhibits noted in that paragraph, the first of 12 A. I do. 13 Q. -- 1026? 13 which is Sears, Exhibit 1026, at page 17; is that 14 14 A. I do. right? 15 15 A. I believe that is correct. Q. That's not referring to targets of a game; 16 16 is it? That's talking about something you find on a Q. That's what it says on the page; right? 17 A. That's right. 17 screen that you want to do something with. 18 Q. Okay. Let me hand you just now a copy of 18 A. I don't recall. And I could look further 19 19 Exhibit 1026, which is Sears, and ask you to look at through Sears for a definition, but what I say, that 20 20 page 17 that you cited in the declaration. Let me seems plausible. So it could include something in a 21 21 know when you're there. game but more generally would be as you described, I 22 22 A. Okay. think, just -- you know, sitting here right now just 23 Q. And the part of Sears that you quote in the 23 reading that sentence without looking further in the 24 24 Sears exhibit. sentence I read from your declaration appears in the 25 first full paragraph on internal page 17 of the Sears 25 Q. And the paragraph we're talking about, the Page 11 reference -- the Sears article; is that right? 1 1 first full paragraph on intrinsic page 17 of Sears, 2 A. "Internal" means the --2 Exhibit 1026 in the 00533 IPR, that comes up in the 3 3 Do you mean the original page numbers in the context of talking about input generally. There's 4 article as opposed to the exhibit page? 4 nothing specific in that context about games; is 5 Q. Yeah. That's the issue with these exhibits 5 6 6 is --A. I don't recall. I would have to look more 7 7 A. Okay. carefully. But, you know, based just on the title of 8 Q. -- it's exhibit page 18 but the internal or 8 the article, which is "A new era for touchscreen 9 9 intrinsic page is 17. applications," I believe the methods described would 10 10 A. Okav. be universal or pervasive across any applications, but 11 11 Q. And the part that you quoted is in that I don't recall that there was any specific application 12 12 first full paragraph on page 17 of Sears? beyond the ones I just mentioned, like drawing or 13 13 A. Yes, that appears to be correct. graphics packages. 14 Q. And that paragraph does not specifically 14 O. In section 4.4 of the Sears reference, 15 15 refer to sliding gestures; does it? Instead, the Exhibit 1026 in the 00533 IPR that starts on intrinsic 16 words that it uses are "free hand input;" is that 16 page 16 and finishes on intrinsic page 17, that 17 17 correct? section isn't specific to games; is it? 18 A. That's correct. That sentence starts with 18 A. That is correct. I don't think that it's, 19 "Free hand input...," which is, in my mind, defined 19 you know, specific to anything. It appears to be --

4 (Pages 10 to 13)

and again, this is just based on a quick read here --

general teaching about different -- as it says, many

novel applications, but not -- nothing specific that I

Q. Let me ask you about your 00533 declaration,

paragraph 34, the next paragraph after the one we were



20

21

22

23

24

25

earlier in the preceding paragraph on the preceding

the intrinsic page 16, where, for example, it says,

"Free hand input allows users to move their hands

across the screen with every location they touch being

used as input." And the next sentence says, "Gestures

page, which would be -- would be the last paragraph of

20

21

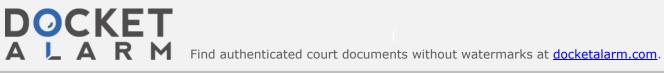
22

23

24

can see about games.

	Page 14		Page 16
1	just discussing. Do you have that in front of you?	1	touchscreens, if you put the touchscreen on the back
2	A. I do.	2	of a device, would I be right that that might do
3	Q. The first sentence of your paragraph 34	3	something about fingers obscuring detail on the screen
4	reads, quote, "It was generally recognized that using	4	and screen smudging, but wouldn't in itself do
5	touchscreen input mechanisms with any computing device	5	anything about the lack of precision, the high error
6	created usability issues, including lack of precision,	6	rates or the arm fatigue? Is that correct?
7	high error rates, figures obscuring detain on the	7	A. That's a you know, that's a very broad
8	screen, and the screen smudging." Did I read that	8	question, so I would say broadly that all of those
9	correctly?	9	things depend on every aspect of the system, not any
10	A. You did.	10	one thing, so and, you know, I think Preece would
11	Q. And you cite for that the Preece document	11	agree that those are very broad, general
12	that's Exhibit 1011 in the 00533 IPR; is that right?	12	characterizations. So it would depend on what was
13	A. That is correct.	13	drawn on the screen, you know, how the device was
14	Q. Let me show you a copy of that exhibit. The	14	meant to be held and all sorts of other things. So
15	one I'm handing you happens to be from the it	15	it's hard to answer with any definitive answer. It's
16	happens to be an exhibit in the 00396 matter, which is	16	a very broad question, it depends on a lot of
17	Exhibit 1016, but it's the same document. And you	17	different factors, some of which are listed here, but
18	cited page 218 of Preece. Can you turn to that page	18	not all of them.
19	within the Preece exhibit, please.	19	Q. Well it's easy to say that if you put the
20	A. Okay.	20	touchscreen on the back, you won't have fingers
21	Q. So I think the material we're talking about	21	obscuring the detail on the screen; right?
22	appears in the second paragraph on intrinsic page 218	22	Isn't that issue one where you've got a
23	of the Preece exhibit, 00533 IPR Exhibit 1011.	23	finger between your eyes and the screen?
24	And I think we've figured out the typo that	24	A. That's true. Your physical finger,
25	we talked about in connection with the other IPRs	25	absolutely, would not be in front of the screen. If
	Page 15		Page 17
1	where your declaration uses the word "detain." Am I	1	there's a screen on the front of the device and your
2	right that you meant to say "detail?"	2	hands are on the back of the device, then obviously
3	A. That sounds entirely plausible. Where is	3	your fingers would not be obscuring anything on the
4	that in my declaration?	4	display. If the display is opaque that is; you know,
5	Q. It's in that sentence I just read, first	5	for example, is not transparent.
6	sentence of paragraph 34.	6	Q. But that step of taking a touchscreen and
7	A. Oh. Yes. Absolutely. It must be "detail."	7	putting it on the back instead of the front, you can't
8	Q. And then in the middle of the second	8	say that by itself that would do anything to deal with
9		"	
10		9	
	paragraph of intrinsic page 218 of Preece it uses	9	the other problems that Preece identified: lack of
	similar language, including fingers obscuring detail	10	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue.
11	similar language, including fingers obscuring detail on the screen. Do you see that?	10 11	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say
11 12	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do.	10 11 12	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to
11 12 13	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I	10 11 12 13	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of
11 12 13 14	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking	10 11 12 13 14	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point
11 12 13 14 15	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes.	10 11 12 13 14 15	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by
11 12 13 14 15	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing.	10 11 12 13 14 15 16	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of
11 12 13 14 15 16	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you	10 11 12 13 14 15 16	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination
11 12 13 14 15 16 17	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you note in your declaration and it also cites one more:	10 11 12 13 14 15 16 17 18	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination of a lot of different design factors.
11 12 13 14 15 16 17 18	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you note in your declaration and it also cites one more: arm fatigue; is that right?	10 11 12 13 14 15 16 17 18	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination of a lot of different design factors. Q. The Preece exhibit, 00533 IPR Exhibit 1011
11 12 13 14 15 16 17 18 19 20	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you note in your declaration and it also cites one more: arm fatigue; is that right? A. That's right. The first part of that	10 11 12 13 14 15 16 17 18 19	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination of a lot of different design factors. Q. The Preece exhibit, 00533 IPR Exhibit 1011 at intrinsic page 218, also notes that there was a
11 12 13 14 15 16 17 18 19 20 21	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you note in your declaration and it also cites one more: arm fatigue; is that right? A. That's right. The first part of that paragraph is describing good things, and starting at	10 11 12 13 14 15 16 17 18 19 20 21	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination of a lot of different design factors. Q. The Preece exhibit, 00533 IPR Exhibit 1011 at intrinsic page 218, also notes that there was a survey that implied that of various cursor control
11 12 13 14 15 16 17 18 19 20 21 22	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you note in your declaration and it also cites one more: arm fatigue; is that right? A. That's right. The first part of that paragraph is describing good things, and starting at that point Preece is describing bad things, and you're	10 11 12 13 14 15 16 17 18 19 20 21 22	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination of a lot of different design factors. Q. The Preece exhibit, 00533 IPR Exhibit 1011 at intrinsic page 218, also notes that there was a survey that implied that of various cursor control devices studied, touchscreen was the fastest but least
11 12 13 14 15 16 17 18 19 20	similar language, including fingers obscuring detail on the screen. Do you see that? A. I do. Q. Okay. Obviously, no big deal on the typo, I just wanted to make sure we were looking A. Yes. Q at the same thing. Preece cites the usability issues that you note in your declaration and it also cites one more: arm fatigue; is that right? A. That's right. The first part of that paragraph is describing good things, and starting at	10 11 12 13 14 15 16 17 18 19 20 21	the other problems that Preece identified: lack of precision, high error rates, and arm fatigue. A. It's it's hard to say. I wouldn't say that it can't. It might play a role. What I mean to say is that there's nothing here that I can think of sitting here right now, aside from the potential point that you just mentioned, that would exclusively or by itself address those problems, that the mitigation of any of those problems is usually done by a combination of a lot of different design factors. Q. The Preece exhibit, 00533 IPR Exhibit 1011 at intrinsic page 218, also notes that there was a survey that implied that of various cursor control



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.

