## UNITED STATES PATENT AND TRADEMARK OFFICE

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## BEFORE THE PATENT TRIAL AND APPEAL BOARD

UNIFIED PATENTS INC., Petitioner,

v.

SMART AUTHENTICATION IP, LLC, Patent Owner.

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Case IPR2017-02047 Patent 8,082,213 B2

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Record of Oral Hearing Held: November 6, 2018

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Before KEVIN W. CHERRY, MICHELLE N. WORMMEESTER, and JAMES A. WORTH, *Administrative Patent Judges*.



Case IPR2017-02047 Patent 8,082,213 B2

## **APPEARANCES:**

ON BEHALF OF THE PETITIONER:

ROSHAN MANSINGHANI, ESQUIRE JONATHAN R. BOWSER, ESQUIRE Unified Patents 13355 Noel Road Suite 1100 Dallas, Texas 75240

### ON BEHALF OF PATENT OWNER:

TAREK N. FAHMI, ESQUIRE Ascenda Law Group 333 W. San Carlos Street Suite 200 San Jose, California 95110-2730

The above-entitled matter came on for hearing on Tuesday, November 6, 2018, commencing at 1:00 p.m., at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia.



1	PROCEEDINGS
2	
3	JUDGE WORMMEESTER: Good afternoon, everyone. We have
4	our final hearing in IPR2017-02047, Unified Patents, Inc., v. Smart
5	Authentication IP, LLC, which concerns U.S. patent number 8,082,213. I'm
6	Judge Wormmeester, and with me are Judge Cherry and Judge Worth.
7	Let's get the parties' appearances, please. Who do we have for
8	petitioner?
9	MR. MANSINGHANI: Good afternoon. My name is Roshan
0	Mansinghani. And my colleague, Jonathan Bowser, is here with me. We
11	both work at Unified Patents.
12	JUDGE WORMMEESTER: Thank you. Welcome. Who will be
13	presenting the arguments?
14	MR. MANSINGHANI: I will, thank you.
15	JUDGE WORMMEESTER: And for patent owner, who do we
16	have?
17	MR. FAHMI: Good afternoon, Your Honors. Tarek Fahmi on
18	behalf of the patent owner.
19	JUDGE WORMMEESTER: Thank you. Welcome. We set forth
20	the procedure for today's hearing in our trial order, but just to remind
21	everyone the way this will work, each party will have 60 minutes to present
22	arguments. Petitioner has the burden and will go first and may reserve time
23	for rebuttal. Patent Owner will then have the opportunity to present its



# Case IPR2017-02047 Patent 8,082,213 B2

1	response. And when referring to any demonstrative, please remember to
2	state the slide for the record the slide number for the record. Also, this is a
3	reminder that the demonstratives you submitted are not part of the record.
4	The record of the hearing will be the transcript.
5	We will give you a warning when you are into your rebuttal time
6	or nearing the end of your argument time.
7	Are there any questions before we start? Okay, will you be
8	reserving any time?
9	MR. MANSINGHANI: Yes, I would like to reserve 20 minutes
10	for rebuttal.
11	JUDGE WORMMEESTER: Twenty minutes, okay. And you
12	may start when you are ready.
13	MR. MANSINGHANI: I'm ready to begin. Good afternoon.
14	Thank you so much for your time here today. I represent Unified Patents.
15	We do believe that the challenged claims are unpatentable, and today we are
16	here to present to you a summary of the reasons why, but also most
17	importantly to answer your questions. So if you do have questions as I'm
18	presenting, feel free to interrupt me. My main goal is to answer your
19	questions more than anything else.
20	On slide 2 I have got a summary of what I want to talk about
21	today, and what I would like to start with is slide 3, which is just giving a
22	brief overview of the patent so we are all on the same page.



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a user that is remote whose identity may have been stolen while trying to

So the '213 patent is addressed to a problem of how to authenticate

# Case IPR2017-02047 Patent 8,082,213 B2

1	deal with an online service, for example, logging into a bank. So on the
2	right we have Figure 3 that's been annotated just with colors and some
3	examples in the annotations to explain the solution. And on slide 4, we have
4	the proposed solution that the patent provides.
5	The first part of this solution is to give the user the control to be
6	able to tell the authentication system these are the policies I would like and
7	be able to set it up per site or per service. That aspect of the claims is
8	actually not at issue today. So I'm not going to focus on it, but that is part of
9	the proposed solution.
10	The second part is where most of the focus today, I imagine, will
11	be presented. That's where most of the parties' dispute is, and that is when
12	you are dealing in a situation where a user's identity may have been stolen,
13	the Smart Authentication patent, the '213 patent, proposes a solution. That
14	solution is: instead of the user just providing one piece of authentication
15	information, let's let them provide more than one, and in the example we are
16	discussing here, two.
17	So the two that would be provided would be the user would
18	provide secret information such as their password, something that only the
19	user is supposed to know, but this is the piece that can be stolen. So as a
20	failsafe, let's also have the user provide evidence that they control a tangible
21	object like a cell phone.
22	And how this works is we've got some slides on that as well. So
23	turning to the next slide, slide 5, we have the same figure, but now we have



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highlighted the communication channels in blue, red and green, since that's

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