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## RECORD OF ORAL HEARING UNITED STATES PATENT AND TRADEMARK OFFICE

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## BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG ELECTRONICS CO. LTD., et al.

Petitioners,

v.

REMBRANDT WIRELESS TECHNOLOGIES, LP,

Patent Owner.

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Cases IPR2014-00518 and -00519 U.S. Patent 8,023,580 Technology Center 2600

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Oral Hearing Held on Friday, April 24, 2015

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Before: JAMESON LEE, HOWARD BLANKENSHIP, and JUSTIN BUSCH (via video link), *Administrative Patent Judges*.

The above-entitled matter came on for hearing on Friday, April 24, 2015, at 1:00 p.m., in Hearing Room A, taken at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia.

Cases IPR2014-00518 and -00519 U.S. Patent 8,023,580

## **APPEARANCES:**

#### ON BEHALF OF THE PETITIONER:

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MICHELLE YANG Samsung Representative

## ON BEHALF OF THE PATENT OWNER:

THOMAS J. ENGELLENNER, ESQ. REZA MOLLAAGHABABA, ESQ. GEORGE S. HAIGHT, IV, ESQ. ANDREW W. SCHULTZ, ESQ. Pepper Hamilton LLP 19th Floor, High Street Tower 125 High Street Boston, Massachusetts 02110-2736 617-204-5100

MICHAEL JOHNSON Rembrandt Representative

1	PROCEEDINGS
2	(1:00 p.m.)
3	JUDGE LEE: Good afternoon. Please be seated.
4	Welcome to the Board. This is the consolidated oral argument
5	for two Inter Partes Reviews, IPR2014-00518 and
6	IPR2014-00519.
7	The Petitioner is a collection of four different
8	companies, and the Patent Owner is Rembrandt Wireless
9	Technologies LP.
10	I would like to begin with introduction of counsel,
11	starting with Petitioner, followed by Patent Owner, please.
12	MR. BAUGHMAN: Thank you, Your Honor. Steve
13	Baughman from Ropes & Gray for the Samsung Petitioners.
14	With me is Brian Biddinger and Dan Cardy. And we have with
15	us a representative of Samsung, Michelle Yang.
16	JUDGE LEE: Thank you.
17	MR. ENGELLENNER: Good afternoon, Your
18	Honor. Tom Engellenner for the Patent Owner. With me is
19	Reza Mollaaghababa, George Haight, Andrew Schultz, and we
20	have a representative of Rembrandt as well, Mike Johnson.
21	JUDGE LEE: Thank you very much. We have
22	allocated each party up to 90 minutes of argument time, but
23	don't feel that you have to use up every single minute. Just use
24	as much as you need to.

Cases IPR2014-00518 and -00519 U.S. Patent 8,023,580

1	The Petitioner will present first. You can reserve
2	any amount of your time for rebuttal, and the Patent Owner
3	essentially will have only one opportunity at the podium, so
4	there is no opportunity to reserve anything. You spend all or
5	just part of your time in the one session that you are up.
6	Are there any preliminary questions before we
7	begin?
8	MR. BAUGHMAN: No, Your Honor.
9	MR. ENGELLENNER: No, Your Honor.
10	JUDGE LEE: All right. You may begin any time,
11	Mr. Baughman.
12	MR. BAUGHMAN: May it please the Board. We
13	would like to reserve at the outset 40 minutes of our time for
14	rebuttal.
15	The Petitioners have provided our positions and
16	evidence in the briefing. We rely on that material to support
17	our arguments in this consolidated pair of trials. But to assist
18	the Board in considering that record we plan to address in our
19	opening discussion this afternoon two topics along with any
20	questions the Board may have.
21	And the two live issues before the Board are the
22	two topics we would like to discuss. After some brief opening
23	comments, first my colleague, Mr. Biddinger, will address the
24	obviousness of two different types of modulation methods
25	based on Boer, and then I will address the motivations to

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