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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ZHONGSHAN BROAD OCEAN MOTOR CO., LTD, et al.,

Petitioners,

v.

NIDEC MOTOR CORPORATION,

Patent Owner.

- - - - - - -

Case No. IPR2014-01122 (Patent 7,208,895)

Technology Center 2800

Oral Hearing Held on Friday, October 16, 2015

Before: BENJAMIN D. M. WOOD; JAMES A. TARTAL; and
PATRICK M. BOUCHER (via video link), Administrative Patent Judges.

The above-entitled matter came on for hearing on Friday, October 16,
2015, at 2:24 p.m., in Hearing Room A, taken at the U.S. Patent and
Trademark Office, 600 Dulany Street, Alexandria, Virginia.

APPEARANCES:

ON BEHALF OF THE PETITIONER:

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1   P R O C E E D I N G S

2   (2:24 p.m.)

3   JUDGE WOOD: Good afternoon. Welcome to the

4   Board. Glad to see everyone made it back safely from our

5   little excursion.

6   This is the hearing for IPR2014-01122, concerning

7   U.S. Patent 7,208,895. Let's begin by having counsel

8   introduce themselves, starting with Petitioner's counsel.

9   MR. MEYER: Steve Meyer, lead counsel for

10   Petitioner.

11   MR. BAKER: I'm Charles Baker, backup counsel

12   for the Petitioner.

13   JUDGE WOOD: All right. Thank you. For the

14   Patent Owner?

15   MR. BROWN: Good afternoon. Scott Brown for

16   Patent Owner Nidec Motor Company.

17   JUDGE WOOD: Thank you. All right. As set

18   forth in the trial hearing order, each side has up to 30 minutes

19   to present its argument.

20   Petitioner will go first and present its case and

21   may reserve rebuttal time. Patent Owner will then respond

22   with their opposition to Petitioner's case. And Petitioner will

23   conclude with any time reserved.

24   Who will be presenting for Petitioner?

25   MR. MEYER: I will, Steve Meyer, Your Honor.

1   JUDGE WOOD: All right. Thank you. And do

2   you intend to reserve rebuttal time?

3   MR. MEYER: Yes. I would like to reserve five

4   minutes.

5   JUDGE WOOD: Five minutes rebuttal time.

6   JUDGE BOUCHER: And I would just like to ask

7   the parties when you are giving your presentation, if you could

8   please make sure to refer to the slide number that you are on

9   because I'm following along on a computer screen and it is

10   easier for me to make reference to what you are discussing at

11   that time if you make sure to do that, please.

12   MR. MEYER: Yes, I will do that. Thank you.

13   JUDGE BOUCHER: Thank you.

14   JUDGE WOOD: Mr. Meyer, you may begin.

15   MR. MEYER: Good afternoon, Your Honors. I am

16   Steve Meyer, lead counsel for Petitioner.

17   Turning to the first ground, the record establishes

18   by at least a preponderance of the evidence that claim 9 of the

19   '895 patent is anticipated by the Chen patent.

20   Would you please put up DX 1. We're on DX 1.

21   The parties' dispute is centered on the last limitation of claim

22   1, namely "calculating a scaled torque demand from the

23   received torque demand."

24   In its Decision to Institute -- can you put up DX 6,

25   please -- the Board adopted the construction of scaled torque

1 demand proposed by Patent Owner in its preliminary response.

2 As we can see, the Board construed scaled torque demand to

3 mean "torque calculated from the received torque demand

4 based on machine-specific parameters."

5   The dispute centers on what is meant by

6 machine-specific parameters. And in instituting trial on

7 ground 1, the Board found it reasonably likely that Chen

8 discloses this limitation as construed by the Board. Can you

9 please put up DX 7.

10   This is Chen figure 1. Now, included within figure

11 1 of Chen is an expression for motor input voltage as a

12 function of commanded torque, Tcmd, which correlates with

13 the recited received torque demand, and omega, the speed of

14 the motor.

15   Chen discloses that this expression for voltage

16 provides for maintaining a torque equal to the commanded

17 torque with varying speed for a fixed angle delta.

18   And more specifically, Chen at column 5, lines 47

19 through 54, explains that the position and speed signals, theta,

20 omega and torque command signal, Tcmd, is indicative of the

21 desired motor torque.

22   The controller 18 determines a voltage amplitude

23 at line 30 by using the position of speed and torque commands,

24 theta, omega, TCM, and other fixed parameter values in the

25 control equation. And as we --

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