Exhibit C

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Paper 14
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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SONY CORPORATION
Petitioner

v.

YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM
Patent Owner

Case IPR2013-00326 (SCM)
Patent 6,665,003 B1

Before SALLY C. MEDLEY, KARL D. EASTHOM, and JAMES B. ARPIN, *Administrative Patent Judges.*

EASTHOM, *Administrative Patent Judge*.

DECISION
Institution of *Inter Partes* Review
37 C.F.R. § 42.108

I. INTRODUCTION

Petitioner, Sony Corporation, filed a Petition requesting an *inter partes* review of claims 4, 5, and 34 of Patent No. U.S. 6,665,003 B1. Paper 10 ("Pet."). In response, Patent Owner, Yissum Research Development Company of the Hebrew University of Jerusalem, filed a Patent Owner Preliminary Response. Paper 13 ("Prelim. Resp."). We have jurisdiction under 35 U.S.C. § 314.

The standard for instituting an *inter partes* review is set forth in 35 U.S.C. § 314(a):

> THRESHOLD – The Director may not authorize an inter partes review to be instituted unless the Director determines that the information presented in the petition filed under section 311 and any response filed under section 313 shows that there is a reasonable likelihood that the petitioner would prevail with respect to at least 1 of the claims challenged in the petition.

Pursuant to the defined threshold under 35 U.S.C. § 314(a), the Board institutes an *inter partes* review of claims 4, 5, and 34 of the '003 Patent.

Petitioner separately has moved to join this proceeding with the IPR2013-00218 proceeding. Paper 4. In a separate decision entered today, we grant Petitioner's motion and join this proceeding with the '218 proceeding.

A. Related Proceedings

The '003 Patent and a related patent, Patent No. US 7,477,284 B2, are involved in litigation in the District Court of Delaware. *See* Pet. (citing *HumanEyes Technologies Ltd. v. Sony Electronics Inc. et al*., 1-12-cv-00398 (D. Del. March 29, 2013)). Petitioner describes the Delaware litigation as an infringement action currently based on at least claims 1-5, 22, and 34 of the '003 Patent. Paper 10, 2-3. In addition to the '218 proceeding, related *inter partes* review proceedings before the Patent Trial and Appeal Board involving the same parties and the related patent include IPR2013-00219 and IPR2013-00327.

B. The '003 Patent

The '003 Patent describes generating and displaying stereoscopic panoramic images by using a rotating camera. *See* Ex. 1101, Abstract, Fig. 2. The '003 Patent is described more fully in the IPR2013-00218 Decision to Institute, Paper 16 ("'218 Decision"), in which the Board institutes *inter partes* review for claims 1-3 and 22 in the '003 Patent. For purposes of the instant Decision to Institute ("Decision"), we adopt and rely upon the '218 Decision, including the description of the '003 Patent in the '218 Decision at 3-5.

C. Claims

Unchallenged independent claim 1, challenged claims 4 and 5 dependent therefrom, and challenged independent claim 34, follow:

> 1. A system for generating a stereoscopic panoramic mosaic image pair comprising:
>
> > A. a strip generator module configured to generate two series of image strips, all of said image strips in each series comprising strips of a series of images of a scene as would be recorded by a camera from a respective series of positions relative to the scene, the image strips of the respective series representing strips of the respective images displaced from one another by at least one selected displacement; and
> >
> > B. a mosaic image generator module configured to mosaic the respective series of images strips together thereby to construct two panoramic mosaic images, the panoramic mosaic images comprising the stereoscopic panoramic mosaic image pair providing a stereoscopic image of the scene as recorded over the path.
>
> 4. A system as defined in claim 1 in which the series of positions define a translation relative to the scene.
>
> 5. A system as defined in claim 1 in which the series of positions define a change in angular orientation relative to the scene.

34. A method of generating a stereoscopic panoramic mosaic image pair comprising the steps of:

A. a strip generation step of generating two series of image strips, all of said image strips in each series comprising strips of a series of images of a scene as would be recorded by a camera from a respective series of positions relative to the scene, the image strips of the respective series representing strips of the respective images displaced from one another by at least one selected displacement; and

B. a mosaic image generation step of mosaicing the respective series of images strips together thereby to construct two panoramic mosaic images, the panoramic mosaic images comprising the stereoscopic panoramic mosaic image pair providing a stereoscopic image of the scene as recorded over the path.

D. References Relied Upon

Petitioner relies upon the following references:

Inoue, JP 8-159762 (June 21, 1996) (Ex. 1107, "Asahi");[1]

Hofmann, *A Digital Three Line Stereo Scanner System*, ISPRS International Archives of Photogrammetry and Remote Sensing, Kyoto, 16th Congress, V. 27, Part B2, Com. II, 206-13 (1988) (Ex. 1108, "Hofmann");

Ishiguro et al., *Acquiring Omnidirectional Range Information*, Systems and Computers in Japan, V. 23, No. 4, 47-56 (1992) (Ex. 1105, "Ishiguro"); and

Kawakita et al., *Generation of Panoramic Stereo Images from Monocular Moving Images*, SIG-CyberSpace ,Virtual Reality Society of Japan (VRSJ) Research Report, V. 2, No. 1, ISSN 1343-0572, VCR 97-12, pp. 13-19 (Nov. 27, 1997) (Ex. 1104, "Kawakita").

[1] Unless otherwise noted, all references herein refer to a certified English translation or to the original English version provided by Petitioner.

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