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Discloser: Eduard Zaslavsky

Name of Participant WebTuner Corporation

Contact Information for Participant's Representative.

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URL (Optional)

Identification of ATSC Specification Document relevant to the Disclosure Statement: Number See attached "Annex 1: WebTuner Corp., ATSC Disclosure Statement"

Title See attached "Annex 1: WebTuner Corp., ATSC Disclosure Statement"

| Licensi | ing Declaration |
|----------|---|
| If the I | Discloser is the holder of a patent and/or pending patent application that is the subject of an |
| Essenti | al Claim, i.e., the use of which it believes would be required to implement the identified |
| ATSC | Specification Document, the Discloser hereby declares, in accordance with the Statement on |
| ATSC | Patent Policy (see ATSC website), that (check one box only). |
| | a. The Discloser agrees to make a license to the Essential Claim available without |
| | compensation upon request to all applicants for the purpose of implementing the |
| | Specification Document, which license may be conditioned upon license reciprocity with |
| | respect to the same Specification Document. Negotiations are left to the parties concerned |
| | and are performed outside of ATSC. |
| | Mark hereif the Discloser's willingness to license is conditioned on reciprocity for the |
| | above ATSC Standard. |
| | b. The Discloser agrees to make a license to the Essential Claim available upon request |
| | under reasonable and nondiscriminatory terms and conditions to all applicants for the |
| | purpose of implementing the Specification Document, which conditions may include license |
| | reciprocity with respect to the same Specification Document. Negotiations are left to the |
| | parties concerned and are performed outside of ATSC. |
| | Mark here ⊠ if the Discloser's willingness to license is conditioned on reciprocity for the |
| | above ATSC Standard. |
| | c. The Discloser will not make a license to the Essential Claim under reasonable and |
| | nondiscriminatory terms and conditions to applicants for the purpose of implementing the |
| | Specification Document. |

Without Compensation: The phrase "without compensation" does not mean that the Discloser is waiving all of its rights with respect to each patent or patent application that is the subject matter of the Essential Claim. Rather, "without compensation" refers to the issue of monetary compensation; i.e., that the Discloser will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Discloser in this situation is committing to not charging any monetary amount, the Discloser is still entitled to require that the implementer of the ATSC Specification Document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warranties, etc.

Reciprocity: As used herein, the word "reciprocity" means that the Discloser shall only be required to license any prospective licensee under the stated terms (without compensation or under reasonable and nondiscriminatory terms and conditions) if such prospective licensee will commit to license its patent(s) or patent application(s) forming the subject matter of an Essential Claim under similar (without compensation or under reasonable and nondiscriminatory) terms and conditions.

Disclosure of Patents

In accordance with Sections 3 and 4 of the ATSC Patent Policy, please identify each patent or patent application forming the subject matter of any Potential Claim of which any Representative of the Discloser who is active in an ATSC technology group or specialist group has actual personal knowledge. The Discloser, in good faith, believes that the Potential Claim may be relevant to the implementation of the Specification Document identified by this Disclosure Statement.

| | Patent / Application No. and Country | Patent / Application Holder | Status [granted/pending] |
|---|---|--|-----------------------------|
| 1 | | SEE: Attached "Annex 1: WebTuner Corp., ATSC Disclosure Statement" | |
| 2 | | | |

Disclosure of Information

Place, Date: Redmond, WA January 28, 2016

In accordance with Sections 3 and 4 of the ATSC Patent Policy, if the Discloser has made a licensing declaration under paragraph (c) above, please provide the following information. - an identification of each patent or patent application that is the subject matter of the

Essential Claim;

- an identification of specific section(s) or text of the Specification Document that are relevant to the Essential Claim; and
- an identification of each patent or patent application claim covering the Specification Document.

This information is informal in nature and does not constitute a legal opinion, but should be based on "good faith and belief" of the Discloser. Information provided in this section does not represent a formal "notice" that implementation of any resulting ATSC Standard or Recommended Practice would infringe any patent or patent application for the Essential Claim.

| Completed By: Name of Participant: WebTuner Corporation | |
|--|--|
| Name of Representative: Eduard Zaslavsky | |
| Title of Representative: Founder and Senior Software Engineer | |
| Signature on Behalf of Participant: | |
| Jene w gruy | |
| Name of Authorized Person signing for Participant: Jesse Schenk, CFO | |

Annex 1: WebTuner Corp.: ATSC Disclosure Statement

| | Title of Application | Inventors | Date Filed | Priority Date | Application # | ATSC Document / Specification | Status | Holder |
|----|---|------------------------------------|------------|---------------|-------------------------|---|---------|-------------------|
| 1 | Method and apparatus for generating multiple dynamic user-interactive displays | Arthur Vaysman Eduard Zaslavsky | 05/02/2011 | 08/16/2006 | 13/098,663 | A/338 Doc. S33-161r1 "ATSC Candidate Standard: Companion Device" | Pending | WebTuner Corp. |
| 2 | Linking interactive television applications to dynamic video mosaic elements | Arthur Vaysman Eduard Zaslavsky | 04/29/2011 | 01/27/2005 | 13/097,447 | A/338 Doc. S33-161r1 "ATSC Candidate Standard: Companion Device" | Pending | WebTuner Corp. |
| 3 | Generating user- interactive displays using program content from multiple providers | Arthur Vaysman Eduard Zaslavsky | 05/16/2011 | 08/16/2006 | 13/108,513 | A/338 Doc. S33-161r1 "ATSC Candidate Standard: Companion Device" | Pending | WebTuner Corp. |
| 4 | User-interactive displays including theme-based dynamic video mosaic elements | Arthur Vaysman Eduard Zaslavsky | 04/27/2011 | 01/27/2005 | 13/094,957 | A/338 Doc. S33-161r1 "ATSC Candidate Standard: Companion Device" | Pending | WebTuner Corp. |
| 5 | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 13/482,127 US9021543 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Grant | WebTuner Corp. |
| 6 | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 2012258513 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Pending | WebTuner Corp. |
| 7 | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 2837469 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Pending | WebTuner Corp. |
| 3 | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 201380031528.4 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Pending | WebTuner Corp. |
| | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 12789257 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Pending | WebTuner Corp. |
| 0 | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 2014-512182 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Pending | WebTuner Corp. |
| .1 | Highly scalable audience measurement system with client event pre- processing | Arthur Vaysman Eduard Zaslavsky | 05/29/2012 | 05/26/2011 | 1020137034557 | A/333 Doc. S33-170r1 "ATSC Candidate Standard: Service Usage Reporting" | Pending | WebTuner Corp. |