Patent Statement Declaration With Respect to SMPTE Engineering Document

To accompany submission of or a contribution to a proposed SMPTE Engineering Document.

SMPTE Document Number and Title SMPTE ST 2058:201X Layered Video Extension Bitstream Format and Decoding Process

Paragraphs related to this Statement Section 4, Section 12, Section 7.1, Section 8.1, Section 8.3, Section 9.1, Section 9.2, Section 10.3, Section 11.1 and Section 11.2

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		Non-Assert
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Declaration & Contact Information:

Company submitting declaration: Samsung Electronics Co., Ltd.

Patent Holder (if no patent, leave blank):   Samsung Electronics Co., Ltd.

Submitter declares that he/she is authorized to make this declaration on behalf of above-named company.

Name of authorized person: Heungmo Lee

Title of authorized person   Vice President

Place & Date of signature

Signature

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Patent Information

Number	Title	Status	Country
2007-0102811	Video encoding apparatus and method and video decoding apparatus and method	☑ Pending ☐ Granted	KR
12/285,690	METHOD, MEDIUM, AND APPARATUS FOR ENCODING/DECODING VIDEO	☑ Pending ☐ Granted	US
08837335.2	METHOD, MEDIUM, AND APPARATUS FOR ENCODING/DECODING VIDEO	☑ Pending ☐ Granted	EP
2007-0107430	Video encoding apparatus and method and video decoding apparatus and method	☑ Pending ☐ Granted	KR
12/213,017	METHOD, MEDIUM, AND APPARATUS FOR ENCODING/DECODING VIDEO	☑ Pending ☐ Granted	US
08778582.0	METHOD, MEDIUM, AND APPARATUS FOR ENCODING/DECODING VIDEO	☑ Pending ☐ Granted	EP

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Patent Information

Number	Title	Status	Country
2009-0066100	METHOD AND APPARATUS FOR SELECTIVE COLOR CHANNEL CODING/DECODING IN A LAYERED VIDEO CODING/DECODING STRUCTURE	☑Pending ☐Granted	KR
12/839,552	METHOD AND APPARATUS FOR CODING AND DECODING COLOR CHANNELS IN LAYERED VIDEO CODING AND DECODING	☑Pending ☐Granted	US
2009-0009066	APPARATUS AND METHOD FOR ENCODING AND DECODING 3D VIDEO	☑Pending ☐Granted	KR
12/700,186	APPARATUS AND METHOD FOR ENCODING AND DECODING MULTI-VIEW IMAGE	☑Pending ☐Granted	US
2008-0043692	METHOD AND APPARATUS FOR ENCODING/DECODING INTERLACE SCANNING IMAGE USING MOTION VECTOR TRANSFORMATION	☑Pending ☐Granted	KR
12/453,394	METHOD AND APPARATUS FOR ENDODING/DECODING WITH INTERLACE SCANNING BASED MOTION VECTOR TRANSFORMATION	☑Pending ☐Granted	US
2009-113965	METHOD AND APPARATUS FOR ENDODING/DECODING WITH INTERLACE SCANNING BASED MOTION VECTOR TRANSFORMATION	☑Pending ☐Granted	JP
09159490.3	METHOD AND APPARATUS FOR ENDODING/DECODING WITH INTERLACE SCANNING BASED MOTION VECTOR TRANSFORMATION	☑Pending ☐Granted	EP
2008-0011916	METHOD AND APPARATUS TO ENCODE/DECODE IMAGE EFFICIENTLY	☑Pending ☐Granted	KR
12/230,245	METHOD AND APPARATUS TO ENCODE/DECODE IMAGE EFFICIENTLY	☑Pending ☐Granted	US
2008-323613	METHOD AND APPARATUS TO ENCODE/DECODE IMAGE EFFICIENTLY	☑Pending ☐Granted	JP
08171498.2	METHOD AND APPARATUS TO ENCODE/DECODE IMAGE EFFICIENTLY	☑Pending ☐Granted	EP
2007-0126377	METHOD AND APPARTUS FOR ENCODING/DECODING HIERARCHICALLY	☑Pending ☐Granted	KR
12/155,754	METHOD AND APPARTUS FOR ENCODING/DECODING HIERARCHICALLY	☑Pending ☐Granted	US
2008-294570	METHOD AND APPARTUS FOR ENCODING/DECODING HIERARCHICALLY	☑Pending ☐Granted	JP
08170095.7	METHOD AND APPARTUS FOR ENCODING/DECODING HIERARCHICALLY	☑Pending ☐Granted	EP
2009-0065615	METHOD AND APPARATUS FOR ENCODING/DECODING MULTI-VIEW PICTURE	☑Pending ☐Granted	KR
12/838,957	METHOD AND APPARATUS FOR MULTI-VIEW VIDEO CODING AND DECODING	☑Pending ☐Granted	US
2009-0018039	LAYER-INDEPENDENT ENCODING AND DECODING APPARATUS AND METHOD FOR MULTI-LAYER RESIDUAL VIDEO	☑Pending ☐Granted	KR
12/716,555	APPARATUS AND METHOD FOR ENCODING AND DECODING MULTILAYER VIDEOS	☑Pending ☐Granted	US
2008-0132476	APPARATUS AND METHOD FOR CONVERTING IMAGE IN AN IMAGE PROCESSING SYSTEM	☑Pending ☐Granted	KR
12/645,798	APPARATUS AND METHOD FOR CONVERTING IMAGE IN AN IMAG PROCESSING SYSTEM	☑Pending ☐Granted	US
2009-0065614	APPARATUS AND METHOD FOR CONVERTING IMAGE IN AN IMAGE PROCESSING SYSTEM	☑Pending ☐Granted	KR
12/838,692	APPARATUS AND METHOD FOR CONVERTING IMAGE IN AN IMAGE PROCESSING SYSTEM	☑Pending ☐Granted	US
2008-0022156	APPARATUS OF ENCODING IMAGE AND APPARATUS OF DECODING IMAGE	☑Pending ☐Granted	KR
12/289,615	APPARATUS OF ENCODING IMAGE AND APPARATUS FOR DECODING IMAGE	☑Pending ☐Granted	US
2008-0022157	APPARATUS OF ENCODING IMAGE AND APPARATUS OF DECODING IMAGE	☑Pending ☐Granted	KR
12/289,213	VIDEO ENCODING APPARATUS AND VIDEO DECODING APPARATUS	☑Pending ☐Granted	US

Patent Information

Number	Title	Status	Country
2010-0066723	SPATIAL PREDICTION METHOD AND APPARATUS IN LAYERED VIDEO CODING	☑Pending ☐Granted	KR
12/834,154	SPATIAL PREDICTION METHOD AND APPARATUS IN LAYERED VIDEO CODING	☑Pending ☐Granted	US
2009-0066103	METHOD AND APPARATUS FOR PREDICTING MOTION VECTOR AND METHOD AND APPARATUS OF ENCODING/DECODING A PICTURE USING THE SAME	☑Pending ☐Granted	KR
12/839,488	MOTION VECTOR PREDICTION METHOD, AND APPARATUS AND METHOD FOR ENCODING AND DECODING IMAGE USING THE SAME	☑Pending ☐Granted	US
2008-0022155	APPARATUS OF ENCODING IMAGE AND APPARATUS OF DECODING IMAGE	☑Pending ☐Granted	KR
12/292,118	IMAGE ENCODING APPARATUS AND IMAGE DECODING APPARATUS	☑Pending ☐Granted	US