

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Craig MCNAUGHTON	06/28/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STMicroelectronics (Research & Development) Limited
<b>Street Address:</b>	Planar House, Parkway, Globe Park
<b>City:</b>	Marlow - Buckinghamshire
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	SL7 1YL
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11838402
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Michael W. Taylor
<b>Total Attachments: 2</b>	
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OP \$40.00 11838402

A S S I G N M E N T

WHEREAS, **Craig MCNAUGHTON** of Fife, United Kingdom, hereinafter referred to as **ASSIGNOR**, has made certain improvements or inventions in VIDEO FRAME BUFFER, for which **ASSIGNOR** has executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

WHEREAS, **STMicroelectronics (Research & Development) Limited**, a United Kingdom company, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNOR** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNOR** does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenant and agrees that said **ASSIGNOR** is the owner of the full title herein conveyed and have the right to convey the same, and

agrees that said **ASSIGNOR** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

28/06/07  
Date

C. McNaughton  
Craig MCNAUGHTON