

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Iain Howieson	05/29/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Cascade Technologies Limited
Street Address:	Unit A, Logie Court
Internal Address:	Stirling University Innovation Park
City:	Stirling
State/Country:	UNITED KINGDOM
Postal Code:	FK9 4NF
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12516947
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ATTORNEY DOCKET NUMBER:	013314-000024
NAME OF SUBMITTER:	W. Kevin Ransom
Total Attachments: 3 source=013314-000024Assignment#page1.tif source=013314-000024Assignment#page2.tif source=013314-000024Assignment#page3.tif	

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**PATENT**  
**REEL: 022753 FRAME: 0518**

**ASSIGNMENT**

THIS ASSIGNMENT, made by me, **Iain Howieson**, a citizen of Great Britain;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in

**PORTAL**

for which: U.S. Patent Application No. 12/516,947 was filed on May 29, 2009 with the United States Patent and Trademark Office, hereinafter referred to as the "application"; and

WHEREAS, **Cascade Technologies Limited**, having a principal place of business at Unit A, Logie Court, Stirling University Innovation Park, Stirling, FK9 4NF, Great Britain, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant, and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 29<sup>th</sup> day of May, 2009.

Iain Howieson (SEAL)  
Iain Howieson

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