

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Gerald Morrison	07/23/2009
Trevor Akitt	07/24/2009
Scott Su	07/24/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SMART Technologies ULC
<b>Street Address:</b>	3636 Research Road NW
<b>City:</b>	Calgary, Alberta
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	T2L 1Y1
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12482841
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)298-7570
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(202) 625-3795
<b>Email:</b>	wiladean.johnson@kattenlaw.com
<b>Correspondent Name:</b>	Wiladean P. Johnson
<b>Address Line 1:</b>	2900 K Street, N.W.
<b>Address Line 2:</b>	Suite 200
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20007
<b>ATTORNEY DOCKET NUMBER:</b>	204694-00231
<b>NAME OF SUBMITTER:</b>	Wiladean P. Johnson

Total Attachments: 3  
 source=204694-00231\_Executed\_Assignment#page 1.tif

**501053401**

**PATENT  
 REEL: 023734 FRAME: 0532**

**CH \$40.00 12482841**

source=204694-00231\_Executed\_Assignment#page2.tif

source=204694-00231\_Executed\_Assignment#page3.tif

## ASSIGNMENT

THIS ASSIGNMENT, by GERALD MORRISON residing at 32 ARBOUR VISTA WAY, N.W., CALGARY, ALBERTA, CANADA T3G 4R1, TREVOR AKITT residing at 217 EDGEBROOK GROVE, N.W., CALGARY, ALBERTA, CANADA T3A 5T9, and SCOTT SU residing at 7036 SILVERVIEW DRIVE, N.W., CALGARY, ALBERTA, CANADA T3B 3L1 (hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **SIZE/SCALE ORIENTATION DETERMINATION OF A POINTER IN A CAMERA-BASED TOUCH SYSTEM** as set forth in an application for Letters Patent of the United States,

- (1)  which is a provisional application
- (a)  bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
- (b)  to be filed herewith; or
- (2)  which is a non-provisional application
- (a)  bearing Application No. 12/482,841, and filed on June 11, 2009;
- (b)  having an oath or declaration executed on even date herewith prior to filing of application;
- (c)  having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, SMART TECHNOLOGIES ULC, a corporation duly organized under and pursuant to the laws of CANADA and having its principal place of business at 3636 RESEARCH ROAD NW, CALGARY, ALBERTA, CANADA T2L 1Y1 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assign the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the invention set forth in said application and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full rights and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of KATTEN MUCHIN ROSENMAN, L.L.P. of 2900 K STREET, N.W., SUITE 200, WASHINGTON, D.C. 20007-5118 to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 23 JUL 09

Signature of Assignor

  
Gerald MORRISON

Date \_\_\_\_\_

Signature of Assignor \_\_\_\_\_

Trevor AKITT

Date \_\_\_\_\_

Signature of Assignor \_\_\_\_\_

Scott SU

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the invention set forth in said application and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full rights and lawful authority to sell and convey the same in the manner herein set forth;


AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of KATTEN MUCHIN ROSENMAN, L.L.P. of 2900 K STREET, N.W., SUITE 200, WASHINGTON, D.C. 20007-5118 to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Gerald MORRISON

Date July 24, 2009 Signature of Assignor   
Trevor AKITT

Date 2009-07-24 Signature of Assignor   
Scott SU