

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Nadia Shewchenko</td><td>11/19/2006</td></tr><tr><td>Henning Hoffmann</td><td>11/23/2006</td></tr><tr><td>Roger Chang</td><td>12/11/2006</td></tr><tr><td>Lesley Grignon</td><td>11/01/2006</td></tr></tbody></table>		Name	Execution Date	Nadia Shewchenko	11/19/2006	Henning Hoffmann	11/23/2006	Roger Chang	12/11/2006	Lesley Grignon	11/01/2006
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Nadia Shewchenko	11/19/2006										
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RECEIVING PARTY DATA											
Name:	Cognos Incorporated										
Street Address:	3755 Riverside Drive										
City:	Ottawa, Ontario										
State/Country:	CANADA										
Postal Code:	K1G 4K9										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11465315</td></tr></tbody></table>		Property Type	Number	Application Number:	11465315						
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Application Number:	11465315										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Stephen B. Salai										
Total Attachments: 5 source=Assignment-86188-000008#page1.tif											

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ASSIGNMENT

Whereas Nadia **SHEWCHENKO**, Henning **HOFFMANN**, Roger **CHANG** and Lesley **GRIGNON** (hereinafter "the Assignors"), whose full post office addresses are 19 Wendell Avenue, Ottawa, Ontario K2S 1G9 Canada, 9 Halpenney Way, Ottawa, Ontario K2J 4T6 Canada, #2 – 3415 Uplands Drive, Ottawa, Ontario K1V 9N3 Canada and 173 Henderson Avenue, Ottawa, Ontario K1N 7P7 Canada, respectively, have made one or more inventions which are the subject of Canadian Patent Application filed on August 17, 2006 and entitled **Method and System For Display Of Business Intelligence Data** (hereinafter "the Patent Application");

Whereas Cognos Incorporated (hereinafter "the Assignee"), whose full post office address is 3755 Riverside Drive, Ottawa, Ontario K1G 4K9 Canada, is desirous of acquiring the whole right, title and interest in and to the Patent Application, and the invention or inventions described therein;

Now therefore, in consideration of ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee, all their right, title and interest, in Canada, the United States and all other countries and jurisdictions throughout the world, in and to the Patent Application, and the invention or inventions described therein, and all divisions and continuations thereof, including their corresponding right to claim priority from the Patent Application in any country or jurisdiction, including their right to make national entries under the Patent Cooperation Treaty, including all their corresponding right, title and interest in and to any Patents which may issue therefrom, including all reissues, renewals and extensions thereof, and including all right to sue for past infringement thereunder, all the said Patents to be held and enjoyed by the said Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignors if this Assignment had not been made;

And the Assignors hereby covenant and agree without further consideration, to communicate with Assignee, its successors and assigns, any facts known respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and

enforce proper patent protection for this invention in Canada, the United States and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

And the Assignors hereby covenant that they have the full right to convey the interest assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment;

And the Assignors and the Assignee hereby authorize the firm of Gowling Lafleur Henderson LLP, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any Patent Office. The Assignors and the Assignee hereby authorize and request that Gowling Lafleur Henderson LLP insert here in parentheses (Canadian Patent Application Serial No. _____,) the application number of the said Patent Application when known.

SIGNED at Stittsville, Canada, this 19 day of November, 2006
(City/Town) (Country) (Date) (Month) (Year)

Benny Gelfant
(Signature of Witness)

Nadia SHEWCHENKO

BRUNO GODBOVT
(Name of Witness: Please Print or Type)

Nadie Shechels
(Signature of Assignor)

SIGNED at _____, _____, this _____ day of _____, _____
(City/Town) (Country) (Date) (Month) (Year)

Henning HOFFMANN

(Signature of Witness)

(Name of Witness: Please Print or Type)

(Signature of Assignor)

enforce proper patent protection for this invention in Canada, the United States and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

And the Assignors hereby covenant that they have the full right to convey the interest assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment;

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SIGNED at _____, this _____ day of _____, _____.

(City/Town) (Country) (Date) (Month) (Year)

Nadia SHEWCHENKO

(Signature of Witness)

(Name of Witness: Please Print or Type)

(Signature of Assignor)

SIGNED at Ottawa, Canada, this 23 day of November, 2006
(City/Town) (Country) (Date) (Month) (Year)

Henning HOFFMANN

Allison Hoffmann
(Signature of Witness)

Allison Hoffmann
(Name of Witness: Please Print or Type)

(Signature of Assignor)

SIGNED at Markham, Canada, this 11th day of December, 2006.
(City/Town) (Country) (Date) (Month) (Year)

[Signature]
(Signature of Witness)

Roger CHANG

BRIAN SNEEK
(Name of Witness: Please Print or Type)

[Signature]
(Signature of Assignor)

SIGNED at _____, _____, this _____ day of _____, _____.
(City/Town) (Country) (Date) (Month) (Year)

Lesley GRIGNON

(Signature of Witness)

(Name of Witness: Please Print or Type)

(Signature of Assignor)

The undersigned Assignee hereby accepts this Assignment.

SIGNED at _____, _____, this _____ day of _____, _____.
(City/Town) (Country) (Date) (Month) (Year)

Cognos Incorporated

(Signature of Witness)

(Signature of Authorized Signing Officer)

(Name of Witness: Please Print or Type)

(Name of Authorized Signing Officer: Please Print or Type)

(Title of Authorized Signing Officer: Please Print or Type)

SIGNED at _____, _____, this _____ day of _____, _____
(City/Town) (Country) (Date) (Month) (Year)

Roger CHANG

(Signature of Witness)

(Name of Witness: Please Print or Type)

(Signature of Assignor)

SIGNED at Ottawa, Canada, this 1st day of November, 2006.

Lesley GRIGNON

(Signature of Witness)

LEE JACOBS

(Name of Witness: Please Print or Type)

(Signature of Assignor)

The undersigned Assignee hereby accepts this Assignment.

SIGNED at Chula, Canada, this 25th day of October, 2016
(City/Town) (Country) (Date) (Month) (Year)

Cognos Incorporated

(Signature of Witness)

(Name of Witness: Please Print or Type)

(Signature of Authorized Signing Officer)

SENIOR COUNSEL, CORPORATE OPERATIONS
& ASSISTANT SECRETARY

(Name of Authorized Signing Officer: Please Print or Type)

(Title of Authorized Signing Officer: Please Print or Type)