


Form **PTO-1595** (Rev. 07/05)
OMB No. 0051-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Scott M. Hamel (09/19/2005), Taehwan Yu (09/27/2005), Louis Castriotta, III (09/19/2005), and Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Saint-Gobain Corporation</u> Internal Address: _____ Street Address: _____ One New Bond Street Box Number 15008 City: <u>Worcester</u> State: <u>Massachusetts</u> Country: <u>United States of America</u> Zip: <u>01615-0008</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
4. Application or patent number(s): A. Patent Application No.(s) <u>11/138,635</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Peter F. Corless</u> <u>EDWARDS & ANGELL, LLP</u> Internal Address: <u>Atty. Dkt.: 60397(72011)</u> Street Address: <u>P.O. Box 55874</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02205</u> Phone Number: <u>(617) 439-4444</u> Fax Number: <u>(617) 439-4170</u> Email Address: <u>pcorless@edwardsangell.com</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
		8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>04-1105</u> Authorized User Name <u>Peter F. Corless</u>	
9. Signature: <div style="text-align: center;">  Signature </div> <div style="text-align: right;"> <u>October 14, 2005</u> Date </div> <div style="text-align: center;"> <u>Peter F. Corless - 33,860</u> Name of Person Signing </div> <div style="text-align: right;"> Total number of pages including cover sheet, attachments, and documents: <u>16</u> </div>			

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 308-5995, on the date shown below.

Dated: October 14, 2005

Signature: Susan M. Dillon (Susan Dillon)

CH \$40.00 041105 11138635

Form PTO-1595		RECORDATION FORM COVER SHEET (continued)	
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Jack F. Eckalbar, Jr. (09/19/2005)			
Additional Assignees (2. Continued):			
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____			
Additional Applications and/or Patents (4. Continued):			
Additional Patent Application Numbers 4A. Continued:		Additional Patent Numbers 4B. Continued:	
Additional numbers attached?		<input type="checkbox"/> Yes <input type="checkbox"/> No	

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this _____ day of _____, _____, by Scott M. Hamel; Taehwan Yu; Louis Castriotta, III; and Jack F. Eckalbar, Jr. (hereinafter referred to as Assignors), residing at 91 Mitchell Hill Road, Wilton, New Hampshire 03086; 204 Old Lanster Road, Sudbury, Massachusetts 01776; 173 Kennedy Drive, Keene, New Hampshire 03431; and 11 Kessler Farm Drive, Apt. 260, P.O. Box 6414, Nashua, New Hampshire 03063, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in IGNITER SYSTEMS, set forth in a Patent application for Letters Patent of the United States, already filed on May 25, 2005 as U.S. application No. 11/138,635; and

WHEREAS, Saint-Gobain Corporation, a corporation organized under and pursuant to the laws of the State of Delaware having its principal place of business at One New Bond Street, Box Number 15008, Worcester, Massachusetts 01615-0008 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full

end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS & ANGELL, LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.



Scott M. Hamel

Date: 9/19/05

United States of America)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came Scott M. Hamel, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Taehwan Yu

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ Taehwan Yu _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Louis Castriotta, IIIDate: September 19, 2005

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came Louis Castriotta, III, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Jack F. Eckalbar, Jr.
Jack F. Eckalbar, Jr.

Date: 9-19-05

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ Jack F. Eckalbar, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

PATENT
REEL: 016884 FRAME: 0200

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 27th day of September, 2005,
by Scott M. Hamel; Taehwan Yu; Louis Castriotta, III; and Jack F. Eckalbar, Jr.
(hereinafter referred to as Assignors), residing at 91 Mitchell Hill Road, Wilton, New
Hampshire 03086; 204 Old Lanster Road, Sudbury, Massachusetts 01776; 173
Kennedy Drive, Keene, New Hampshire 03431; and 11 Kessler Farm Drive, Apt. 260,
P.O. Box 6414, Nashua, New Hampshire 03063, respectively;

WHEREAS, Assignors have invented certain new and useful improvements
in IGNITER SYSTEMS, set forth in a Patent application for Letters Patent of the United
States, already filed on May 25, 2005 as U.S. application No. 11/138,635; and

WHEREAS, Saint-Gobain Corporation, a corporation organized under and
pursuant to the laws of the State of Delaware having its principal place of business at
One New Bond Street, Box Number 15008, Worcester, Massachusetts 01615-0008
(hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and
interest in and to said inventions and said Application for Letters Patent of the United
States, and in and to any Letters Patent of the United States to be obtained therefore
and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignors
have sold, assigned, transferred and set over, and by these presents do sell, assign,
transfer and set over, unto Assignee, its successors, legal representatives and
assigns, the entire right, title and interest in and to the above-mentioned inventions
and application for Letters Patent, and in and to any and all direct and indirect
divisions, continuations and continuations-in-part of said application, and any and all
Letters Patent in the United States and all foreign countries which may be granted
therefore and thereon, and reissues, reexaminations and extensions of said Letters
Patent, and all rights under the International Convention for the Protection of Industrial
Property, the same to be held and enjoyed by Assignee, for its own use and benefit
and the use and benefit of its successors, legal representatives and assigns, to the full

end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS & ANGELL, LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Scott M. Hamel

Date: _____

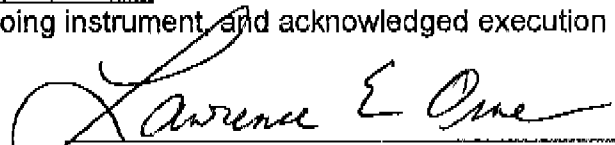
United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came Scott M. Hamel, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public


Taehwan YuDate: Sep 27. 2005United States of America)
State of MASSACHUSETTS) ss.:
County of WORCESTER)

On this 27th day of September, 2005, before me
personally came Taehwan Yu, to me known to be the individual
described in and who executed the foregoing instrument and acknowledged execution
of the same.


Notary Public

PATENT
REEL: 016884 FRAME: 0206

Jack F. Eckalbar, Jr.

Date: _____

United States of America)
State of) ss.:
County of)

On this _____ day of _____, _____, before me personally came Jack F. Eckalbar, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public