Om PTO-1595 (Rev. 03-11) DMB No. 0651-0027 (oxp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Palent and Trademark Office	
RECORDATION FOR	M COVER SHEET	
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please i		
1. Name of conveying party(les):	Name and address of receiving party(ies)	
Neil L. Sbar (09/15/2011) and Harvey Kalweit (09/15/2011)	Name:SAGE Electrochromics, inc	
Additional name(s) of conveying party(les) attached?	Internal Address:	
3. Nature of conveyance/Execution Date(6):		
Execution Date(s): In parentheses after Inventor name	One Sage Way	
X Assignment Merger Change of Name		
Security Agreement Joint Research Agreement	City:Faribault	
Government Interest Assignment	State: Minnesota	
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 55021	
Olher	Additional name(s) & address(es) Yes X No attached?	
This application 13/537,574 Additional numbers attached?	Yes XNo	
 Name and address to whom correspondence concerning document should be mailed: 	6. Total number of applications and 1	
Name: Davy E. Zoneralch LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: SAGE 3.0-027 DIV		
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account	
	Enclosed	
	None required (government interest not affecting title)	
City: Westfield	8. Payment information	
State: NJ Zip:07090		
Phone Number: 908-654-5000	10 4005	
Fax Number: 908-654-7866	Deposit Account Number 12-1095 Authorized User Name Davy E. Zoneraich	
Email Address: ataylor@idlkm.com	Autorities and Haller Perty L. Zoneraton	
9. Signature:	June 29, 2012	
Stpactore	Date	
Davy E: Zonerglich - 37,267 Name of Person Signing	Total number of pages including cover 3	

LDLKM

ASSIGNMENT OF UTILITY APPLICATION SAGE 3.0-027		former PTO/SB/ <u>15 (8-00) Modified LDLKAM</u>	
Whereas, I. Neil L. Sbar of 916 Alchich Drive, Northfield, Minnesola 55057			
Winereast, I., Nell C. Solar 916 Addrich Drive, Northfield, Minnesola 55057 hersafter referred to as assignor, have with othere Invented cartain new and useful improvements in APPARATUS AND METHOD FOR REPAIR OF DEFECTS IN AN ELECTRONIC ENERGY CONTROL OR DISPLAY DEVICE Image: Control of the state state of the state of the state of the state of the s	ASSIGNMENT OF UTILITY APPLICATION	SAGE 3.0-027	
Winereast, I., Nell C. Solar 916 Addrich Drive, Northfield, Minnesola 55057 hersafter referred to as assignor, have with othere Invented cartain new and useful improvements in APPARATUS AND METHOD FOR REPAIR OF DEFECTS IN AN ELECTRONIC ENERGY CONTROL OR DISPLAY DEVICE Image: Control of the state state of the state of the state of the state of the s			
hersafter referred to as assignor, have with others invented carlain new and useful improvements in APPARATUS AND METHOD FOR REPAIR OF DEFECTS IN AN ELECTRONIC ENERGY CONTROL OR DISPLAY DEVICE Image: state in the image: s	Whereas, t, Neil L. Sbar	of	
hersafter referred to as assignor, have with others invented carlain new and useful improvements in APPARATUS AND METHOD FOR REPAIR OF DEFECTS IN AN ELECTRONIC ENERGY CONTROL OR DISPLAY DEVICE Image: state in the image: s	916 Aldrich Drive; Northfield, Minnesota 55057		
Application Number 13/117,439 Gor which an application for a United States Latters Patent was executed by me on and which an application for a United States Latters Patent was executed by me on and who are application of New Jensery herein referred to as "assignee" whose mailing address la a corporation of New Jensery herein referred to as "assignee" whose mailing address la mod WWA HEREFORE, in consideration of the sum of one dollars (\$ 1.00 MOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 is desirous of acquiring the entire right, title and Interest in the same: NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 is desirous of acquiring the entire right, title and interest for the United States of America and all other continuation, and the other said invertion, including without limitation all applications and patents on said increments or resulting thereform to said assignee herein, as assigner, to common and elever to said assignee herein, as assigne, to communicate to the undersigned termeral very and Induced and requested to issue all protein the said improvements or resulting therefore to the undersigned respective, and the commissioner of Patents and Trademarks is hereby authorized and requested to issue all signers to assid improvements or resulting therefore to the undersingned experiment, wherever expreses for Let	APPARATUS AND METHOD FOR REPAIR OF DEF	aln new and useful improvements in ECTS IN AN ELECTRONIC ENERGY	
for which an application for a United States Latters Patent was executed by me on and and Whereas, SAGE Electrochromics, Inc. a corporation of New Janaxy herein referred to as "assignee" whose mailing address is One Sage Way, Ferbault, Minnesola 55021 is desirous of acquiring the endre right, title and Interest in the same: NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00 NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00 is desirous of acquiring the endre right, title and Interest for the United States of America and all other countrises in and to seid invention and the aforesaid utility patent application pursuant to any law of the United States of America and all other countrise, for said invention, including without limitation all application pursuant to any law or treaty, and including the right to claim such pronty or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all prefersents or resulting therefrom to said assignee or its assigne, to communicate the undersigned for me and my legal representatives, here and to designed or the regulations or patents the information, reisous applications protention of usid improvements or result inprovements or result on opinal, divisional, continuation, release and onereit the requested, to teafting in movements in result op		tent was filed on May 27, 2011	
and Whereas, SAGE Electrochromics, Inc. a corporation of New Jergery herein referred to as "assignee" whose mailing address is One Sage Way, Ferbault, Minnesola 55021 is desirous of acquiring the enthe right, tile and Interest in the same: NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00), the receipt whered is acknowledged, and other good and valuable consideration, I as assign on hereby sell, assign and set over to said assignee my entire right, tile and interest for the United States of America and all other countrism is in and to said assignee my entire right, tile and interest for the United States of America and all other countrism is in and to said invention, and the aforesaid utility patient application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countrisments or resulting therefrom to said assignments thereas is hereby authorized and requested to issue all patients or said limprovements and my legal propresentatives, fairs and assigns to hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, releases to covenant without further remuneration, to execute and deliver all original, divisional, continuation, release and other applications or patients my legal encodeding in which any of said applications or patients for said assignme herein, and to do generally everyfing necessary to all assignments thereof to said assigns. there will outher interest, it is assignments thereof to said assigns of other by agree and covenant when were requested to isaid applications to be borne and paid by said assignee. And I do hereb			
Whereas, SAGE Electrochromics, Inc. a corporation of New Jergey herein referred to as "assignee" whose mailing address is One Sage Way, Fertinuit, Minnesola 55021 is desirous of acquiring the entire right, title and Interest in the same: NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00), the receipt whered is acknowledged, and other good and valuable consideration, I as assignen or reissue applications and patients of result applications and all other countries in and to said invention, including without limitation all applications and patients for said invention claiming protery or benefit and the Greessid utility patient application and all orginal, divisions, and heat of said invention claiming protery or benefit and the Commissioner of Patients and Trademarks is hereby authorized and requested to issue all patients on said improvements or resulting thereform to baid assignee hereby, and heatbulling thereform to baid assignee hereby, and heatbulling thereforms to add assignee or its representatives and all satignee hereby authorized and requested to issue all patients on said improvements or resulting thereform to baid assignee hereby authorized and requested to all assignee or its representatives and all assignee to the undersigned respecting said improvements, whenever requested, to said assignee or its representatives and all applications or patients may become involved, to algo all instruments to resulting therefore in which any of said applications or patients may become involved, to algo all instruments to be borne and proceedings in which any of said applications or patients may become involved, to algo all instruments to be borne and proceedings in which any of said applications or patients may become involved, to algo all instruments to result protection for said improvements, whenever thereaver is i			
a corporation of <u>New Jataev</u> herein referred to as "assignee" whose mailing address is <u>One Sage Way, Feribault, Minnesola 55021</u> is desirous of acquiring the entire right, title and Interest in the same: NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignon hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents explicit for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assigne to the entre interest therein; and the undersigned for me and my legal persentatives, heirs and assignes to hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, releave and covenant without further remuneration, to execute and deliver all original, divisional, continuation, releave and covenant without further remuneration, to execute and deliver all original, divisional, continuation, releave and covenant without further remuneration, to execute and deliver all original, divisional, continuation releave and covenant without further remuneration, to execute and deliver all original, divisional, continuation, releave and covenant without further remuneration, to execute and deliver all original, divisional, continuation, releave and covenant without further remuneration, to execute and deliver all original divisional, and to generally everything necessary to ald assignee.			
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One Sage Way: Fertbault, Minnesola 55021 is desirous of acquiring the entire right, title and Interest in the same; NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patente application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications or patents and patente application and all original, divisional, continuation, continuation claim such priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such therein, and the undersigned for ma and my legal representatives, heirs and assigns on hereby agree and covenant therein, and all improvements or resulting thereform to said assignme or its assigns, to communicate to said assignee or its assigns, to communicate to said assignee or its assigns, to communicate to said assignee or its assigns, to communicate to said applications to be presentatives, all rightful othis, and to do generally everything necessary to all isoful papers, make all rightful othis, and to do generally everything necessary to all assignee, its successary, assigns and nominees to obtain patent protection for said improvements in all countries, the exercise and palied applications to be home and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application when known. <u>M_1M_ESCHA</u>	a comporation of New Jersey herein referred to as "assignee" w	hose mailing address is	
is desirous of acquiring the entire right, title and Interest in the same: NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assigned methy sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation, in-part, substitute or reissue applications and patents top to read and all optications and patents for said invention, including without limitation all applications and patents for said invention, including without limitation all applications and patents for said invention, including without limitation all applications and patents for said invention, relavements or realling therefrom to said assignee herein, as assigne of the entire interest interest Patent on, said improvements and all assignments thereof to said assignee or its representatives all acts known to the undersigned for meand my interferences or other legal proceedings in which any of said applications or patents my become involved, to sign all assign and nominees to obtain patent, one said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application Mink Softa	•		
Now. Ministry of the interference or other local and valuable consideration, I as assigner hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to seld invention and the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit of the aforesaid utility application and and protections and patents for said invention. Including without limitation all explications and patents for said invention. priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the aforesaid utility application and all assignee herein, as assignee or the entire interest therein; and the undersigned for me and my legal representatives, here is and assignee or the assign therein on said improvements and all all assignments thereofy and the assignee or to said assignee or its representatives all facts known to the undersigned for me cessary to ald assignee or its assigns. A committee to ald assignee or its representatives all all proceedings in which any of said applications or patents my become involved, to said and monimees to obtain patent protection for said applications or patents my become involved, to sign and nomimees to obtain patent protection for said application and all applications. 9/15/2011 (Signature) State of Minn (SOCAC Country of Kice 0 the same was executed by him/her of his/her own free wills or be prosonally came the above-named Neil L. State of Minn (SOCAC Country of Sisce M	is desirous of acquiring the entire right, title and interest in the s	same;	
9/15/2011 Minnesota Indee (Signature) State of Minnesota County of Rice On this 15 ^{-Mt} Sbar, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purpose therein ext anti- KathARINE M. RIEWE Notary Public KathARINE M. RIEWE Notary Public Katharine of 2 X *Total of 2 forms are submitted.	le acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Sta invention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or g other countries, for said invention, including without limitation phority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to sai therein; and the undersigned for me and my legal representat without further remuneration, to execute and deliver all original for Letters Patent on said improvements and all assignments i to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal proceed become involved, to sign all fawful papers, make all rightful a assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by And I do hereby authorize my attorneys to insert on this deed for	I as assignor hereby sell, assign and set over to said ates of America and all other countries in and to said original, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and all all applications and patents for said invention claiming o any law or treaty, and including the right to claim such emarks is hereby authorized and requested to issue all d assignee herein, as assignee of the entire interest lives, heirs and assigns do hereby agree and covenant , divisional, continuation, releave and other applications thereof to said assignee or its assigns, to communicate undersigned respecting said improvements, whenever adings in which any of said applications or patents may coaths, and to do generally everything necessary to ald ent protection for said improvements in all countries, the said assignee.	
County of Rice On this 15 th day of September 201 before me personally came the above-named Neil L. Sbar, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purpose therein set forth Kathama Riewl Kathama Riewl (Notary Public) State of Minnesota My Commission Expires Ionugry 33 2015	9/15/2011	Mley Long (Signature)	
Sbar, to me personally known as the Individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposed therefore at forth KATHARINE M. RIEWE KATHARINE M. RIEWE Notary Public Katharine M. Riewe (Notary Public) x *Total of 2 forms are submitted.			
x *Total of 2 forms are submitted.	Sbar, to me personally known as the individual who executed the same was executed by him/her of his/her own free will for Kathanne, M. Riewk	the foregoing instrument, who acknowledged to me that the purposed therein set forth KATHARINE M. RIEWE Notary Public State of Minnesota My Commission Expires	

PATENT REEL: 028466 FRAME: 0813

LDLKM

	former PTO/SB/15 (8-00) Modified LDLK&M
	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	SAGE 3.0-027
Whereas, I, Harvey Kalweit	of
One Sage Way; Faribault, Minnesota 55021	
hereafter referred to as assignor, have with others invented certain new and APPARATUS AND METHOD FOR REPAIR OF DEFECTS IN A CONTROL OR DISPLAY DEVICE	
x for which an application for a United States Letters Patent was file	d on <u>May 27, 2011</u>
Application Number <u>13/117,439</u> for which an application for a United States Letters Patent was exec	uled by me on
and	
, , , , , , , , , , , , , , , , , , , ,	
Whereas, SAGE Electrochromics, Inc.	
a corporation of <u>New Jersey</u> herein referred to as "assignee" whose mailing One Sage Way; Ferbault, <u>Minnesota</u> 55021	g audiose is
is desirous of acquiring the entire right, title and interest in the same;	
NOW, THEREFORE, in consideration of the sum of one dollars (\$	1,00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as easign assignee my entire right, title and interest for the United States of Ame invention and the aforesaid utility patent application and all original, do substitute or reissue applications and patents applied for or granted them other countries, for said invention, including without limitation all application priority or benefit of the aforesaid utility application pursuant to any law or priority or benefit and the Commissioner of Patents and Trademarks is h patents on said improvements or resulting therefrom to said assignee therein; and the undersigned for me and my legal representatives, heirs without further remuneration, to execute and deliver all original, divisional, for Letters Patent on said improvements and all assignments thereof to a to said assignee or its representatives all facts known to the undersigner requested, to testify in any interferences or other legal proceedings in wf become involved, to sign all lawful papers, make all rightful oaths, and assignee, its successors, assigne and nominees to obtain patent protection expenses incident to said applications to be borne and paid by said assigned And I do hereby authorize my attorneys to insert on this deed the filing data when known.	Inca and all other countres in and to sell livisional, continuation, continuation-in-part, efor in the United States of America and all ions and patents for said invention claiming treaty, and including the right to claim such ereby authorized and requested to issue all herein, as assignee of the entire interest and assigns do hereby agree and covenant continuation, reissue and other applications aid assignee or its assigns, to communicate id respecting said improvements, whenever hich any of said applications or patents may to do generally everything necessary to aid on for said improvements in all countries, the nee.
15 Sip // /tan	<u>ey. W: Valweit</u> (Signature)
	Ch. Pantikeenenenen
State of <u>Minnesota</u>) SS: County of <u>Rice</u>)	
On this 15th day of September; 2011 before me pe	ersonally came the above-named Harvey
Kalweit to me personally known as the individual who executed the for	going instrument, who acknowledged to me
that the same was executed by him/her of his/her own free will for the part	KATHARINE M. RIEWE
Kotharine M. Riewe	Notary Public State of Minnesors
(Notary Public)	My Commission Expires
x "Total of 2 forms are submitted.	
LD-528\	

RECORDED: 06/29/2012