502901225 07/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2947822

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROB COBURN	03/22/2014
GREG ARROYO	03/26/2014
LIRON DAMIR	07/16/2014
MOLLY DAVIS	03/18/2014
ROBERT GRUETTNER	03/18/2014

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29485210

CORRESPONDENCE DATA

Fax Number: (703)205-8050

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (703) 205-8000

Email: mailroom@bskb.com, brian.olive@bskb.com
Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: P.O. BOX 747

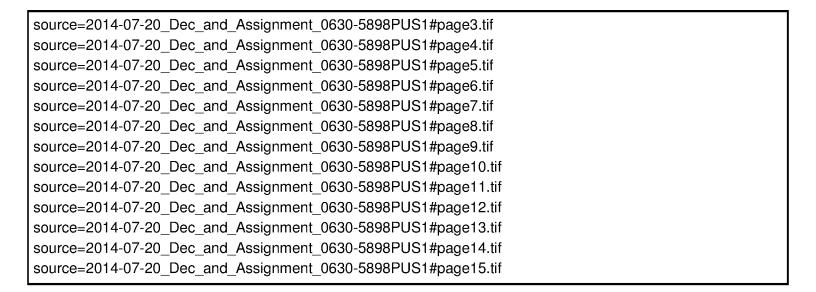
Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0630-5898PUS1
NAME OF SUBMITTER:	BRIAN OLIVE
SIGNATURE:	/brian olive/
DATE SIGNED:	07/18/2014

Total Attachments: 15

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502901225 PATENT REEL: 033359 FRAME: 0958



PATENT REEL: 033359 FRAME: 0959

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention

⇒ DISPLAY PANEL WITH GRAPHICAL USER INTERFACE

		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
		This declaration is directed to the application attached hereto.
Application not Attached	=;	If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	≓	United States Application Number or PCT International Appln. No. 29/485,210
Enter Filing Date	₽	filed on March 17, 2014
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	=	WHEREAS, LG ELECTRONICS INC.
Insert Address of Assignee	=	of 128, Yeoui-daero Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea,
8		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	4	in any foreign countries.
		NOW THEREFORE (

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

BSKB-DECASSIGN(09-12)

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name ⇔	Inventor:	Rob COBURN				E	Date:	03/22/14
Inventor's Signature ⇔	Signature:					9-		
								accompany this form. ditional inventors.
Additional in	ventors are b	eing named on the	e <u>x</u> supplem	ental sheet(s)	attached	hereto.		

BSKB-DECASSIGN-SINGLE (09-12)

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of _____1

	LEGAL N	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Greg ARROYO	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Liron DAMIR	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Molly DAVIS	Date:
Inventor's Signature	⇒Signature:		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:	Robert GRUETTNER	Date:
Inventor's Signature	⇔Signature:		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		the state of the s
	LEGAL N	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
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Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇔Signature:		
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Inventor's Name	⇔Inventor:		Date:
Inventor's Signature	⇒Signature:		

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terms for which the same may be granted.

	ONTED STATEST EOS ALLT ORLIGITTATENT RIGHTS
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nsert Address of Assignee	⇒ of 128, Yeoui-daero Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea,
Ü	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇒ ☐ in any foreign countries.
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

BSKB-DECASSIGN(09-12) **PATENT**

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name	r: Rob COBURN	Date:	
Inventor's Signature ⇒ Signatur	re:		
		ng naming the entire inventive entity, must accompa and complete the attached page(s) to list additional	
Additional inventors a	re being named on the \underline{x} supplement	al sheet(s) attached hereto.	

BSKB-DECASSIGN-SINGLE (09-12)

PATENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of _____1

⇒ Inventor: Greg ARROYO Date: 3/26/14 Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name → Inventor: Liron DAMIR Date: Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Molly DAVIS Date: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY ⇒Inventor: Robert GRUETTNER Date: Inventor's Name Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name [⇔]Inventor: Date: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Date: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: ______ Date: _____ Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇔Inventor: Date: Inventor's Signature Signature:

PATENTSKB-DECASSIGN\(09-12)

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention	४	DISPLAY PANEL WITH GRAPHICAL USER INTERFACE
		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
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Application not Attached	В	If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
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Enter Filing Date	R	filed on March 17, 2014 .
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Insert Name of Assignee	8	WHEREAS, LG ELECTRONICS INC.
Insert Address of Assignee	ጸ	of 128, Yeoui-daero Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea,
ŭ		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	ጸ	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

Page 1

BSKB-DECASSIGN(09-12)

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name	В	Inventor:	Rob COBURN	Date;	
Inventor's Signature	४	Signature:			
* *			B/14 or equivalent), including naming the entire inventive entity, munter; or check the box below and complete the attached page(s) to list	* . *	
\triangle Additional inventors are being named on the <u>x</u> supplemental sheet(s) attached hereto.					

Page 2

BSKB-DECASSIGN-SINGLE (09-12)

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of ____1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	8 Inventor:	Greg ARROYO	Date:	
Inventor's Signature	ੇ Signature:	No. All and Al		
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	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	ধ Inventor:	Liron DAMIR	Date:	07 / 16 / 2014
Inventor's Signature	ਖ Signature:	- July	- A PORTRAIN AND AND AND AND AND AND AND AND AND AN	William by Arrivantin Conserve 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4
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Inventor's Name	8 Inventor:	Molly DAVIS	Date:	TOTO TO THE MENTING AND
Inventor's Signature	&Signature:		o-tuddarvæ andina i mandandi ma-eso samin monto mesos samin monto mesos samin m	
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	VInventor:	Robert GRUETTNER	Date:	
Inventor's Signature	്Signature:			BBB 1887 - William P 1981 (1977) - 1987 (1987) - 1887 (1987) - 1887 (1987) - 1987 (1987) - 1987 (1987) - 1887
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	४Inventor:		Date:	
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	LEGAL NA	ME OF JOINT INVENTOR, IF ANY		
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Inventor's Signature	∀Signature:			

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Insert Name of Assignee

⇒ WHEREAS, LG ELECTRONICS INC.

Insert Address of Assignee

of 128, Yeoui-daero Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea,

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Check Box if Appropriate

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

PATENT BSKB-DECASSIGN(09-12)

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LEGAL NAME OF INVENTOR

Inventor's Name	⇔	Inventor:	Rob COBURN	Date:	
Inventor's Signature	e ⇔	Signature:			
Inventor's Signature ⇒ Signature: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors. Additional inventors are being named on the x supplemental sheet(s) attached hereto.					

PATENTECASSIGN-SINGLE (09-12) Page 2

ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	Greg ARROYO	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Liron DAMIR	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Molly DAVIS	Date: 3/18/14
Inventor's Signature	⇒Signature:	mollytos	
	LEGAL NA	AME OF JOINY INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Robert GRUETTNER	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
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Inventor's Signature	⇒Signature:		
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Inventor's Signature	⇒Signature:		

PATENT^{BSKB-DECASSIGN}\(09-12)

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	I acknowledge the duty to disclose information which is material to patentability as defined in Title 3. Code of Federal Regulations § 1.56.			
	WHEREAS, the undersigned has invented certain new and useful improvements described in that application identified.			
Insert Name of Assignee	⇒ WHEREAS, LG ELECTRONICS INC.			
Insert Address of Assignee	⇒ of 128, Yeoui-daero Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea,			
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirou of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s that may be granted therefor in the United States of America and			
Check Box if Appropriate	in any foreign countries.			
T FF	NOW THEREFORE for good and valuable consideration, the receipt of which is boreby asknowledges			

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

PATENT BSKB-DECASSIGN(09-12)

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor's Name	⇒ Inventor:	Rob COBURN	Date:	
Inventor's Signature	⇒ Signature:			

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

 \triangle Additional inventors are being named on the <u>x</u> supplemental sheet(s) attached hereto.

LEGAL NAME OF INVENTOR

PATER ECASSIGN-SINGLE (09-12) **REEL: 033359 FRAME: 0973**

RECORDED: 07/22/2014

ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	Greg ARROYO	Date: _	
Inventor's Signature	⇒ Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor:	Liron DAMIR	Date: _	
Inventor's Signature	⇒ Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Molly DAVIS	Date: _	
Inventor's Signature	⇒Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Robert GRUETTNER	Date: _	March 18, 2014
Inventor's Signature	⇔Signature:	Robert Gruettner		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:		Date: _	
Inventor's Signature	⇒Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:		Date: _	
Inventor's Signature	⇒Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:		Date: _	
Inventor's Signature	⇒Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:		Date: _	
Inventor's Signature	⇒Signature:		·	

PATENT BSKB-DECASSIGN\(09-12)