PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
R. Daren Klum	10/28/2011
Matthew D. Fairchild	10/28/2011
Daniel L. Hench	10/28/2011
Keith A. Pagan	10/28/2011
Robert Sean Hagen	11/02/2011

RECEIVING PARTY DATA

Name:	Cram Worldwide, LLC	
Street Address:	1314 W. Royal Oaks Drive	
City:	Shoreview	
State/Country:	MINNESOTA	
Postal Code:	55126	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13288367

CORRESPONDENCE DATA

Fax Number: (952)465-0771 **Phone**: 9524650770

Email: DOCKETING@FOGGLAW.COM

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: FOGG & POWERS LLC
Address Line 1: 5810 W 78TH STREET

Address Line 2: SUITE 100

Address Line 4: MINNEAPOLIS, MINNESOTA 55439

ATTORNEY DOCKET NUMBER:	103.005US01	
NAME OF SUBMITTER:	Lisa D. Gentry	PATENT

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Total Attachments: 8	
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ASSIGNMENT

WHEREAS, we, R. Daren Klum residing at 1314 W Royal Oaks Drive, Shoreview, MN 55126, US; Matthew D. Fairchild residing in Rosemount, MN 55068, US; Daniel L. Hench residing in Orlando, FL, US; Keith A. Pagan residing at in Orlando, FL, US; and Robert Sean Hagen residing at in Dunedin, FL; US, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled HEAT DISSIPATION FOR A CHIP PROTECTED BY AN ANTITAMPER BACKGROUND (the "Application").

AND WHEREAS, Cram Worldwide, LLC, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 1314 W Royal Oaks Drive, Shoreview, MN 55126, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that me and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to me relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Title: HEAT DISSIPATION FOR A CHIP PROTECTED	BY AN ANTI-TAMPER BROADER
ATTORNEY DOCKET: 103,005US01	(1) 이 경기에 함께 하는 물건으로 가득하는 것이다. 1) 경기에 가장된 이 맛있는데 뭐 같은 사람들은 것으로 하는데 그 그 것이다.
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IN TESTIMONY WHEREOF, I have hereunt	to set my hand this day of the control of the contr
2011.	41472
	R. Daren Klum
STATE of Almnesocha)	경영하다 하는 사람들은 경기 때문에 가는 경험을 받았다. 그렇게 그 가게 되었다. 그렇게 하는 것이다. 강영하다 장면 사람들은 사람들은 사람들이 사용하는 것이다. 그렇게 되었다.
COUNTY of Kerry	전 경향 경향 보는 그 생활하는 것이 되었다. 그런 그 사람이 되는 것이 되었다.
COUNTROLLS	the amount R Daren Khim to me
On this 20 day of October 2	011, before me personally appeared R. Daren Klum to me
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known to be the person described herein and who to me that he executed the same for the uses and purpose to me that he executed the same for the uses and purpose to me that he executed the same for the uses and purpose to me that he executed the same for the uses and purpose to me that he executed the same for the uses and purpose to me that he executed the same for the uses and purpose to me that he executed the same for the uses and purpose the uses and purpose the uses and purpose the uses are the uses and purpose the uses and purpose the uses are the uses and purpose the uses and purpose the uses and purpose the uses are the use are the uses are the uses are the uses are the uses are the use are the uses are the uses are the use are the uses are the uses are the uses are the use are the	0303 16,000
roti XII	
[SEAL] RYAN M BUESGENS	A A A A A A A A A A A A A A A A A A A
Notary Public	Notary Public
Minnesota My Commission Expires Jan. 31, 2013	
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	was my hand this 28 day of October 201
IN TESTIMONY WHEREOF, I have hereu	nto set my nano una a ou
2011.	Mulal II
	10HHAA
	Matthew D. Fairchild
STATE of Minuses (5)	사회부 경기를 가지 않는 것이 되었다.
)ss.	보고 하게 하는 사람들이 되었다. 그 이번에 다른 그 중에서 되었다고 하는 것이 되었다. 그 것이다는 사람들이 있는 사람들이 없는 것이 되었다.
COUNTY of Hewern	Ara b Diniid
On this DE day of October	2011, before me personally appeared Matthew D. Fairchild
to me known to be the person described herein and acknowledged to me that he executed the same for	tile tises and purposed interest
마이트 : 그렇게 되는 사람이 살아 하나 있는 것이 되었다. 	
[SEAL]	
	Notary Public
도로 있다. 그는 경기를 받는 경기를 받는 것이 되었다. 그는 것이 되었다. 2003년 - 1802년 전 100년 2월 100년 전 1812년	RYAN M BUESGENS Notary Public
	Minnesota

Assignment Title: HEAT DISSIPATION FOR A CHIP PROTECTED BY AN ANTI-TAMPER BACKGROUND ATTORNEY DOCKET: 103,003US01 PAGE 3 of 4
IN TESTIMONY WHEREOF, I have hereumo set my hand this Zoday of OCTOREL.
2011. Daniel L. Hench
STATE of Horiola) SS. COUNTY of Orange)
•
On this 28 day of October, 2011, before me personally appeared Daniel I. Hench to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.
[SEAL] VIRGINIA A. THOMAS Notary Public - State of Florida My Comm. Expires May 26, 2015 Commission # EE 97876 Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of October,
Leave Pagar
STATE of Florida) ss.
COUNTY of brange)
On this <u>28</u> day of <u>06,000</u> , 2011, before me personally appeared Keith A. Pagan to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.
[SEAL] VIRGINIA A. THOMAS
Notary Public Notary Public Notary Public Notary Public

PATENT

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Assignment Fitle: HEAT DISSIPATION FOR A CHIP PROTECTED BY	AN ANTI-TAMPER BACKGROUND
ATTORNEY DOCKET: 103.005US01 PAGE 4 OF 4	
TAGE FOR T	
IN TESTIMONY WHEREOF, I have hereunto s	set my hand thisday of,
2011.	
	Dahart Casa Hassan
	Robert Sean Hagen
STATE of)	
)ss.	
COUNTY of)	
On this day of, 2011 me known to be the person described herein and who exc	, before me personally appeared Robert Sean Hagen to
acknowledged to me that he executed the same for the us	
[SEAL]	
	Notary Public
	•

ASSIGNMENT

WHEREAS, we, R. Daren Klum residing at 1314 W Royal Oaks Drive, Shoreview, MN 55126, US; Matthew D. Fairchild residing in Rosemount, MN 55068, US; Daniel L. Hench residing in Orlando, FL, US; Keith A. Pagan residing at in Orlando, FL, US; and Robert Sean Hagen residing at in Dunedin, FL; US, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled HEAT DISSIPATION FOR A CHIP PROTECTED BY AN ANTITAMPER BACKGROUND (the "Application").

AND WHEREAS, Cram Worldwide, LLC, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 1314 W Royal Oaks Drive, Shoreview, MN 55126, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that me and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to me relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Assignment Title: HEAT DISSIPATION FOR A CHIP PROTECTED BY	AN ANTI-TAMPER BACKGROUND
ATTORNEY DOCKET: 103.005US01	
Page 2 of 4	
IN TESTIMONY WHEREOF, I have hereunto se	et my hand thisday of
2011.	
Ī	R. Daren Klum
STATE of)	
STATE of)) ss. COUNTY of)	
COUNTY of)	
On this day of, 2011, known to be the person described herein and who execute to me that he executed the same for the uses and purposes	before me personally appeared R. Daren Klum to me ad the foregoing instrument, and he duly acknowledged therein set forth.
[SEAL]	
-	Notary Public
IN TESTIMONY WHEREOF, I have hereunto so	et my hand thisday of,
2011.	
	Matthew D. Fairchild
STATE of)	174441017 201 0410414
)ss. COUNTY of)	
COUNTY of)	
On this day of, 2011, to me known to be the person described herein and who eacknowledged to me that he executed the same for the us	before me personally appeared Matthew D. Fairchild executed the foregoing instrument, and he duly es and purposes therein set forth.
[SEAL]	
	Notary Public

Assignment Title: HEAT DISSIPATION FOR A CHIP PROTECTI ATTORNEY DOCKET: 103.005US01 PAGE 3 OF 4	ED BY AN ANTI-TAMPER BACKGROUND
IN TESTIMONY WHEREOF, I have here	ounto set my hand thisday of,
2011.	
	Daniel L. Hench
STATE of))ss. COUNTY of)	
On this day of, 2011, before me personally appeared Daniel L. Hench to known to be the person described herein and who executed the foregoing instrument, and he duly acknowled to me that he executed the same for the uses and purposes therein set forth.	
[SEAL]	
	Notary Public
IN TESTIMONY WHEREOF, I have here 2011.	eunto set my hand thisday of
	Keith A. Pagan
STATE of)	
)ss.	
On this day of known to be the person described herein and who to me that he executed the same for the uses and p	, 2011, before me personally appeared Keith A. Pagan to me executed the foregoing instrument, and he duly acknowledged surposes therein set forth.
[SEAL]	
	Notary Public

Assignment

Title: HEAT DISSIPATION FOR A CHIP PROTECTED BY AN ANTI-TAMPER BACKGROUND

ATTORNEY DOCKET: 103.005US01

PAGE 4 OF 4

IN TESTIMONY WHEREOF, I have hereunto set my hand this Z day of November

2011.

Robert Sean Hagen

STATE of Florida

COUNTY of Pinellas

On this day of November, 2011, before me personally appeared Robert Sean Hagen to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

My Comm. Expires

Feb. 17, 2012

No. DD 759647

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No. DT FLO

otary Public

PATENT REEL: 027169 FRAME: 0629

RECORDED: 11/03/2011