PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jan ALLEBACH	01/20/2011
Kim JIN-YOUNG	01/20/2011
Yung-Yao CHEN	01/20/2011

RECEIVING PARTY DATA

Name:	Purdue Research Foundation
Street Address:	3000 Kent Avenue
City:	West Lafayette
State/Country:	INDIANA
Postal Code:	47906

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13011311

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 970-898-4728

Email: JERRY.SHORMA@HP.COM

Correspondent Name: HEWLETT-PACKARD COMPANY Intellectual Pro

Address Line 1: 3404 E. Harmony Road

Address Line 2: Mail Stop 35

Address Line 4: FORT COLLINS, COLORADO 80528

NAME OF SUBMITTER: Mark S. Cohen

Total Attachments: 13

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PATENT REEL: 025679 FRAME: 0424 source=65783.00.US-RASS-21JAN11#page4.tif source=65783.00.US-RASS-21JAN11#page5.tif source=65783.00.US-RASS-21JAN11#page6.tif source=65783.00.US-RASS-21JAN11#page7.tif source=65783.00.US-RASS-21JAN11#page8.tif source=65783.00.US-RASS-21JAN11#page9.tif source=65783.00.US-RASS-21JAN11#page10.tif source=65783.00.US-RASS-21JAN11#page11.tif source=65783.00.US-RASS-21JAN11#page12.tif source=65783.00.US-RASS-21JAN11#page13.tif

PATENT REEL: 025679 FRAME: 0425

RECORDATION FORM COVER SHEET			
PATEN	TS ONLY		
Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Jan ALLEBACH	Purdue Research Foundation		
Kim JIN-YOUNG	3000 Kent Avenue		
Yung-Yao CHEN	West Lafayette, IN 47906		
Additional name(s) of conveying party(ies) attached? ☐Yes ☒No	Additional name(s) and address(es) attached? Yes No		
3. Nature of Conveyance:			
■ Assignment	f Name Security Agreement Joint		
Other			
Execution Date(s): January 20, 2011; January 20, 2011; Janu	ary 20, 2011		
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application	on, execution date of the application is:		
A. Patent Application No.(s)			
Application No.: 13/011,311 Date Filed:	January 21, 2011		
Confirmation No.: 4412 B. Patent N	lo.(s):		
Additional numbers attached? NO	6. Total number of applications and natents involved:		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
	7. Total Fee (37 CFR 3.41): \$40.00		
Records Manager Intellectual Property Administration	Enclosed		
HEWLETT-PACKARD COMPANY	X Authorization to be charged to deposit account.		
3404 E. Harmony Road Mail Stop 35	8. Deposit Account Number: <u>08-2025</u>		
Fort Collins, Colorado 80528			
9. Statement and signature.			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true			
copy of the original document.			
Mark S. Cohen /Mar	k Cohen/ January 21, 2011		
I Tank of Contain	ature Date		
Total number of pages including coversheet, attachments, and documents:13			
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:			
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450			
Page 1 of 13			

Rev 05/09 (RecdAsgn)

ASSIGNMENT

WHEREAS, WE, Jan P. Allebach, residing at 1721 Woodland, West Lafayette, IN, 47906, citizen of the United States; Jin-Young Kim, residing at ByeokSan Apt. 603-102, TapMaeul Yatap-Dong, Bundang-Ku, SeongNam-Si, Gyeongki-Do, South Korea, 463-927, citizen of the Republic of Korea; and Yung-Yao Chen, 227 Arnold Dr. Apt. 11, West Lafayette, IN, 47906, citizen of Taiwan; have made a new and useful invention entitled:

"DESIGN OF COLOR SCREEN SETS",

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and to said invention throughout the United States of America (including its territories and dependencies) and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof;

AND WE HEREBY authorize and request the Director of the U.S. Patent and Trademark Office or any other proper officer or agency of any region or foreign country to issue any and all said letters patent to ASSIGNEE.

AND WE HEREBY warrant and covenant that we have full rights to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

IN WITNESS WHEREOF, We have hereunto set our hands and seals.

1/20/2011	1 allolarl	
Date	Jan P. Allebach	
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is	Witness	Date
not feasible.	Witness	Date
County of Ada State of Idaho) ·) ss: _)	
On this 20th day of 1 Public in and for the County and State Allebach to me known and known to rigned and sealed the foregoing instrur of his free act and deed.	me to be the person of that nam	Jan P. ne, who
(SEAL)	Notary Public My commission Expires 6-18	<u>- 2013</u>

Date	Jin-Young Kim	
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is	Witness	Date
not feasible.	Witness	Date
County of)) ss:	
State of)	
On this day of Public in and for the County and S Kim to me known and known to n and sealed the foregoing instrumentee act and deed.	ne to be the person of that n	peared Jin-Young ame, who signed
(SEAL)	Notary Public	
(,	My commission Expires	s

Date	Yung-Yao Chen	
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is	Witness	Date
not feasible.	Witness	Date
County of)) ss:	
On this day of Public in and for the County and Sta Chen to me known and known to me and sealed the foregoing instrument free act and deed.	e to be the person of that na	ame, who signed
(SEAL)	Notary Public My commission Expires	

ASSIGNMENT

WHEREAS, WE, Jan P. Allebach, residing at 1721 Woodland, West Lafayette, IN, 47906, citizen of the United States; Jin-Young Kim, residing at ByeokSan Apt. 603-102, TapMaeul Yatap-Dong, Bundang-Ku, SeongNam-Si, Gyeongki-Do, South Korea, 463-927, citizen of the Republic of Korea; and Yung-Yao Chen, 227 Arnold Dr. Apt. 11, West Lafayette, IN, 47906, citizen of Taiwan; have made a new and useful invention entitled:

227 Arnold Dr. Apt. 11, West Latayette, IN, 47906, citizen of Taiwan; have made
a new and useful invention entitled:
"DESIGN OF COLOR SCREEN SETS",
which is described in a United States patent application filed on
, and accorded Application No; and
WHEREAS, Purdue Research Foundation, a not-for-profit corporation
organized under the laws of the State of Indiana, having a place of business at
1281 Win Hentschel Blvd, West Lafayette, Indiana 47906, (hereinafter
"ASSIGNEE"), is desirous of acquiring all right, title and interest thereunder;
NOW, THEREFORE, for good and valuable consideration, receipt of
which is hereby acknowledged, I do hereby sell, assign and transfer unto
ASSIGNEE, its successors, assigns and legal representatives, my entire right,
title and interest in and to said invention throughout the United States of America
(including its territories and dependencies) and any and all other applications
thereon and arising therefrom, including any and all divisions and continuations
thereof, and any and all patents to be issued and obtained therefor and thereon,
United States and foreign, including all reissues and extensions thereof;
AND WE HEREBY agree to communicate to ASSIGNEE or its
representative any facts known to us respecting the invention; agree to sign all
lawful documents and make all rightful paths and declarations relating to said

representative any facts known to us respecting the invention; agree to sign all lawful documents and make all rightful oaths and declarations relating to said invention; authorize ASSIGNEE to insert here (Serial No. _______, Filed _______) the date and serial number of said application once officially known; and agree to otherwise aid ASSIGNEE as necessary and desirable to obtain and enforce any issued letters patent in the United States or any foreign region or country, when requested to do so by ASSIGNEE.

1 of 4

AND WE HEREBY authorize and request the Director of the U.S. Patent and Trademark Office or any other proper officer or agency of any region or foreign country to issue any and all said letters patent to ASSIGNEE.

AND WE HEREBY warrant and covenant that we have full rights to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

IN WITNESS WHEREOF, We have hereunto set our hands and seals.

Date	Jan P. Allebach	
	odii i , / (iiobdoii	
Outside of the USA: Witnesses are required when acknowledgement	Witness	Date
before a Notary Public is not feasible.	Witness	Date
	***************************************	Date
County of)	
State of) ss:)	
On this day of Public in and for the County and S Allebach to me known and known t signed and sealed the foregoing inst of his free act and deed.	tate aforesaid, personally ap o me to be the person of th	peared Jan P. at name, who
(SEAL)	Notary Public	
	My commission Expires	

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Jan /20/2011 Date	Jin-Young Kim			
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is not feasible.	Sung-Nam Ro 26th Jan/20/20/1 Witness Date Jeong-An Choi MA & Jan/20/20/1 Witness Date			
County of)) ss:			
On this day of 2011, before me a Notary Public in and for the County and State aforesaid, personally appeared Jin-Young Kim to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.				
(SEAL)	Notary Public My commission Expires			

Date	Yung-Yao Chen	
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is	Witness	Date
not feasible.	Witness	Date
County of)	
State of) ss:)	
On this day of _ Public in and for the County and Sta Chen to me known and known to me and sealed the foregoing instrumen free act and deed.	e to be the person of that nam	e, who signed
(05AL)	Notary Public	
(SEAL)	My commission Expires	

ASSIGNMENT

WHEREAS, WE, Jan P. Allebach, residing at 1721 Woodland, West Lafayette, IN, 47906, citizen of the United States; Jin-Young Kim, residing at ByeokSan Apt. 603-102, TapMaeul Yatap-Dong, Bundang-Ku, SeongNam-Si, Gyeongki-Do, South Korea, 463-927, citizen of the Republic of Korea; and Yung-Yao Chen, 227 Arnold Dr. Apt. 11, West Lafayette, IN, 47906, citizen of Taiwan; have made a new and useful invention entitled:

"DESIGN OF COLOR SCREEN SETS",

which is described in a United States patent application filed on					
, and accorded Application No;	and				
WHEREAS, Purdue Research Foundation, a not-for-profit corpor	atior				
organized under the laws of the State of Indiana, having a place of busine	ss a				
1281 Win Hentschel Blvd, West Lafayette, Indiana 47906, (herein	afte				
"ASSIGNEE"), is desirous of acquiring all right, title and interest thereunder;					

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and to said invention throughout the United States of America (including its territories and dependencies) and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof:

AND WE HEREBY agree to communicate to ASSIGNEE or it				
representative any facts known to us respecting the invention; agree to sign a				
lawful documents and make all rightful oaths and declarations relating to said				
invention; authorize ASSIGNEE to insert here (Serial No, Filed				
) the date and serial number of said application once				
officially known; and agree to otherwise aid ASSIGNEE as necessary and				
desirable to obtain and enforce any issued letters patent in the United States of				
any foreign region or country, when requested to do so by ASSIGNEE.				

1 of 4

AND WE HEREBY authorize and request the Director of the U.S. Patent and Trademark Office or any other proper officer or agency of any region or foreign country to issue any and all said letters patent to ASSIGNEE.

AND WE HEREBY warrant and covenant that we have full rights to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

IN WITNESS WHEREOF, We have hereunto set our hands and seals.

Date	Jan P. Allebach	
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is	Witness	Date
not feasible.	Witness	Date
County of day of day of Public in and for the County and State Allebach to me known and known to signed and sealed the foregoing instruit of his free act and deed.	me to be the person of that nam	Jan P. e, who
(CEAL)	Notary Public	
(SEAL)	My commission Expires	

Date	Jin-Young Kim	
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is	Witness	Date
not feasible.	Witness	Date
County ofState of	_) _) ss:	
	be the person of that name, who	-Young signed
(SEAL)	Notary Public	
(OLAL)	My commission Expires	

01/20/2011	Yung You Cher	Yung Yao Chen		
Date	Yung-Yao Chen			
Outside of the USA: Witnesses are required when acknowledgement before a Notary Public is not feasible.	Witness	Date		
TIOU TOUGISTO.	Witness	Date		
County of day of On this day of Public in and for the County and S Chen to me known and known to and sealed the foregoing instrum free act and deed.	me to be the person of that na	eared Yung-Yao me, who signed		
(SEAL) SEARFOOD NOTARY SEAL PUBLIC STATE	Notary Public My commission Expires			

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PATENT REEL: 025679 FRAME: 0438