Form PTO-1595 (Rev. 03-09) MAR 2 0 2009 '' OMB No. 0651-0027 (exp. 03/31/209) //	03-25-2009 EPARTMENT OF COMMERCE
RECORD.	
	103553819
	ease record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies) Name: System Planning Corporation
David J. Nagel and Justin C. Whiton	Internal Address:
C	
Additional name(s) of conveying party(ies) attached? Yes 🗶	No
3. Nature of conveyance/Execution Date(s):	Street Address:
Execution Date(s) Feb. 24, 2009	1000 Wilson Boulevard
Assignment Merger	City: Arlington
Security Agreement Change of Name	
Joint Research Agreement	State: Virginia
Government Interest Assignment	Country: USA Zip: 22209-2211
Executive Order 9424, Confirmatory License	
Other 4. Application or patent number(s): □ Th	Additional name(s) & address(es) attached? Yes X N is document is being filed together with a new application
A. Patent Application No.(s)	B. Patent No.(s)
12/017 588	
12/017,588 Additional numbers	
	6. Total number of applications and patents
Additional numbers 5. Name and address to whom correspondence	6. Total number of applications and patents involved: <u>One</u>
Additional numbers 5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents
5. Name and address to whom correspondence concerning document should be mailed: Name: Herbert V. Kerner	6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
5. Name and address to whom correspondence concerning document should be mailed: Name: Herbert V. Kerner Internal Address:	6. Total number of applications and patents involved: <u>One</u>
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Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Herbert V. Kerner Internal Address: Street Address:	6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed
Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Herbert V. Kerner Internal Address: Street Address: 924 Strathorn Drive	6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title
Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Herbert V. Kerner Internal Address: Street Address: 924 Strathorn Drive City: Cary	6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information Credit Card Payment Form Attached
Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Herbert V. Kerner Internal Address: Street Address: 924 Strathorn Drive City: Cary State: NC Zip: 27519	 6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information
Additional numbers Additional numbers Additional numbers Street Address: 924 Strathorn Drive City: Cary State: NC Zip: 27519 Phone Number: 202-320-4841	6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information Credit Card Payment Form Attached
Additional numbers Additional numbers Additional numbers Street Address: 924 Strathorn Drive City: Cary State: NC Zip: 27519 Phone Number: 202-320-4841 Fax Number: 202-446-0892	6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information Credit Card Payment Form Attached Deposit Account Number

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 022444 FRAME: 0484

ASSIGNMENT

WE. David WHEREAS ĭ. Nagel, residing яt (City___State) and Justin C. Whiton, residing at (City, State), have invented certain new and useful cruch improvements in and to the subject matter of:

PANEL SYSTEM AND METHOD WITH EMBEDDED ELECTRONICS

described in an application for United States Letters Patent filed on <u>January 22, 2008</u> and accorded Application No. <u>12/017,588</u>;

AND, WHEREAS, SYSTEM PLANNING CORPORATION, a corporation organized under the laws of <u>the State of Delaware</u>, having a place of business at 1000 Wilson Boulevard, Arlington, Virginia 22209-2211, (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said abovereferenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith; AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

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

Date

David J. NAGEL

WITNESSES:

Justin C. WHITON

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

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

WITNESSES:

Date

Ula

Date

Justin C. WHITON

WITNESSES: