8. Payment Information City: St. Louis a. Credit Card Last 4 Numbers State: MO Zip:63102-2740 Expiration Date Phone Number: 314-621-5070 b. Deposit Account Number 01-2384 Fax Number: 314-621-5065 Authorized User Name Phillip A. Shipley Email Address: prasche@armstrongteasdale.com 9. Signature: June 22, 2006 00000011 012384 06/29/2006 DBYRNE Signature Date 01 FC:8021 40.00 DA Total number of pages including cover Phillip A. Shipley, Reg. No. 51,357 3 sheet, attachments, and documents:

> 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

Name of Person Signing

PATENT REEL: 018007 FRAME: 0314

ASSIGNMENT

Attorney Docket No. 193502

In consideration of One Dollar (\$1.00) and other good and valuable consideration, of which I acknowledge receipt, I, CHARLES ADDISON BOUMAN, of 40 Clay Court, West Lafayette, Indiana 47906, sell and assign to PURDUE RESEARCH FOUNDATION, 3000 Kent Avenue, West Lafayette, Indiana 47907, its successors and assigns (hereinafter referred to as "Company"), my entire right, title and interest in and to the invention and improvements invented and originated by me and described in the United States Patent Application, currently entitled SYSTEMS AND METHODS FOR IMPROVING A RESOLUTION OF AN IMAGE, Docket Number 193502, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Company, its successors or assigns, and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said

ASSIGNMENT

Attorney Docket No. 193502

Company, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said improvements in all countries.

June 19, , 2006 Charles addesire Brunon

State of <u>Indiana</u>) ss.
County of <u>Tippecana</u>)

This 19 day of June, 2006, before me personally came the abovenamed CHARLES ADDISON BOUMAN, to me personally known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Mutha S. Jecknson
Notary Public

My commission expires:

Feb. 21, 2007

ARETHA S. JENKINSON Notary Public, State of Indiana County of Tippecanoe My Commission Expires 02/21/2007

Page 2 of 2

PATENT REEL: 018007 FRAME: 0316

RECORDED: 06/22/2006