

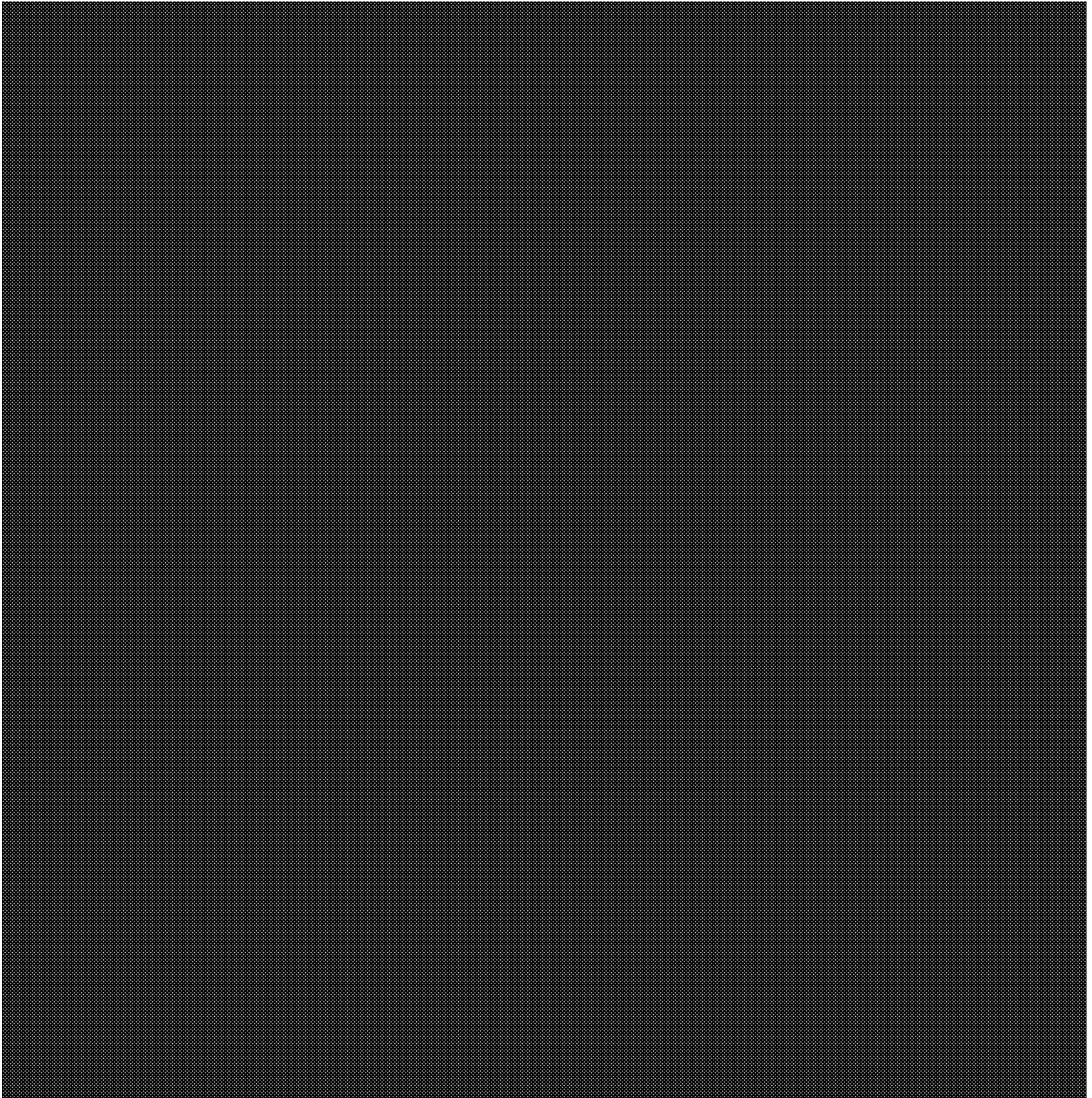
## PATENT ASSIGNMENT COVER SHEET

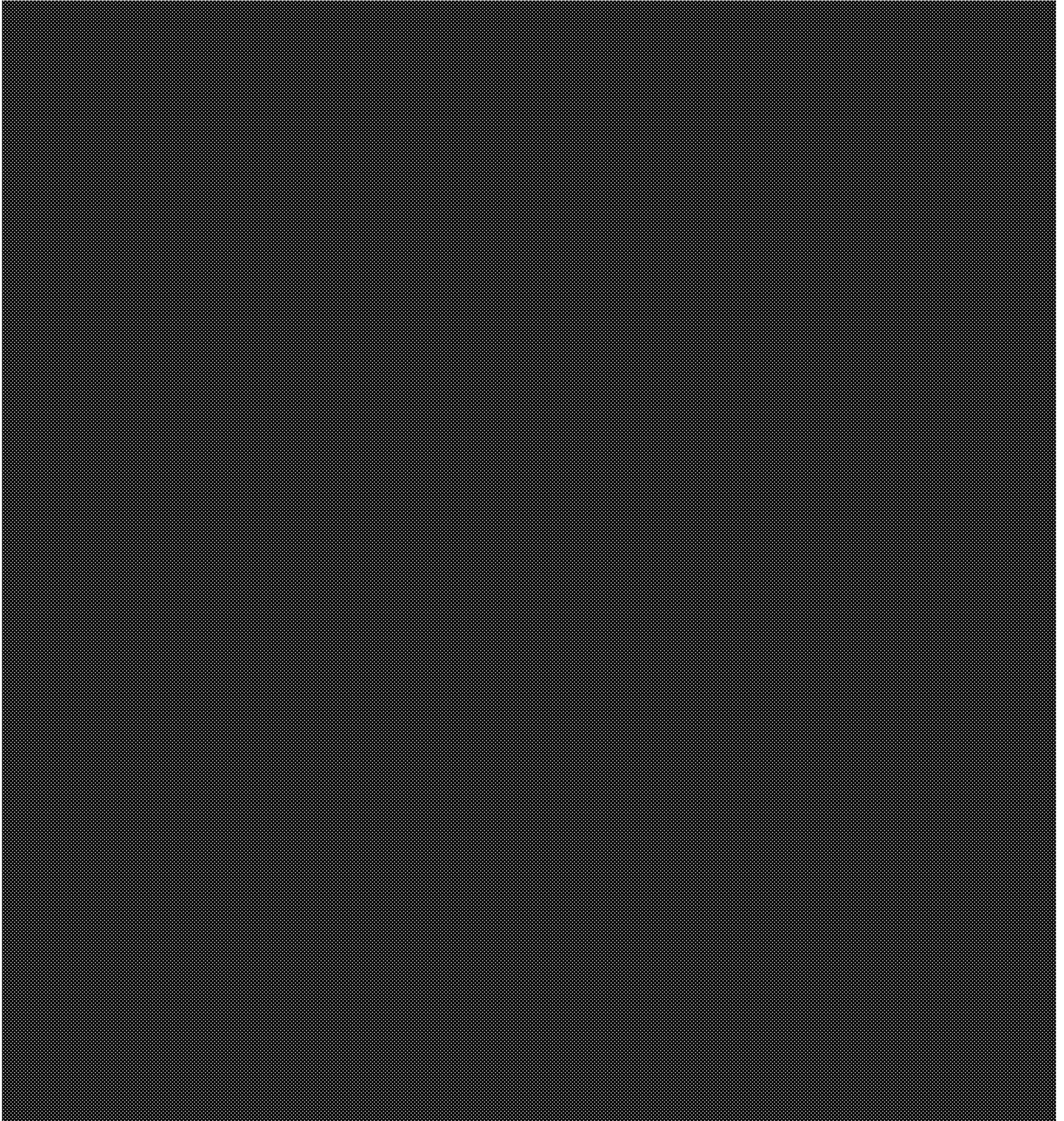
Electronic Version v1.1  
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EPAS ID: PAT7203333

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH MUNGUIA	03/24/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032-3219
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17457084
<b>PCT Number:</b>	US2021061381
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)658-2553
<i>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.</i>	
<b>Phone:</b>	713-658-1818
<b>Email:</b>	Patents@Chamberlainlaw.com
<b>Correspondent Name:</b>	CHAMBERLAIN HRDLICKA
<b>Address Line 1:</b>	1200 SMITH ST., 14TH FLOOR
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	140846-090600US/01WO
<b>NAME OF SUBMITTER:</b>	COLLIN A. ROSE
<b>SIGNATURE:</b>	/Collin A. Rose/
<b>DATE SIGNED:</b>	03/02/2022
<b>Total Attachments: 13</b>	
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22. ENTIRE AGREEMENT. This Agreement constitutes the entire agreement of the parties with respect to the subjects addressed herein. This Agreement may not be amended, supplemented, or modified except by a document signed by both Company and Employee.

Executed on this March 24 day of March, 2017.

Joseph Munguia  
Signature of Employee

613828

Employee #

Joseph Munguia  
Name Typed or Printed

Halliburton Energy Services, Inc.

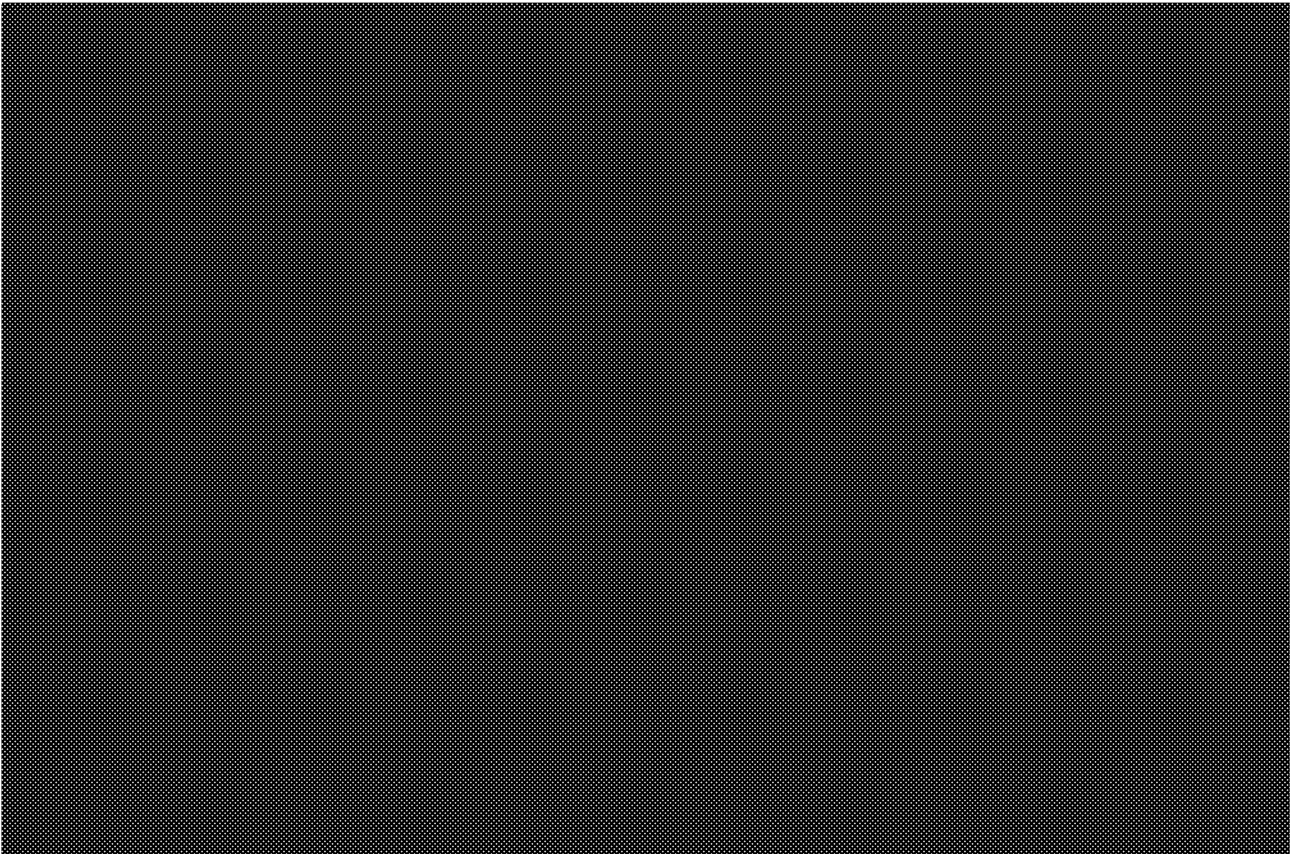
Mallory Whitman

[name and title of person signing]

HR Employee Service Center Rep., Sr.

**INTELLECTUAL PROPERTY, CONFIDENTIALITY  
AND POST-EMPLOYMENT RESTRICTIONS AGREEMENT**

This Intellectual Property, Confidentiality and Post-Employment Restrictions Agreement ("Agreement") is made by and between the Company (throughout the document "Company" means Halliburton Energy Services, Inc., a Delaware corporation, and its subsidiary and affiliated entities) and the undersigned (hereinafter referred to as "Employee"), and is effective as of the execution of this Agreement. This Agreement will apply to any future positions at Company, or at any successor or assign of Company, to which Employee may be assigned, and will continue to apply notwithstanding any changes in Employee's job duties or compensation.

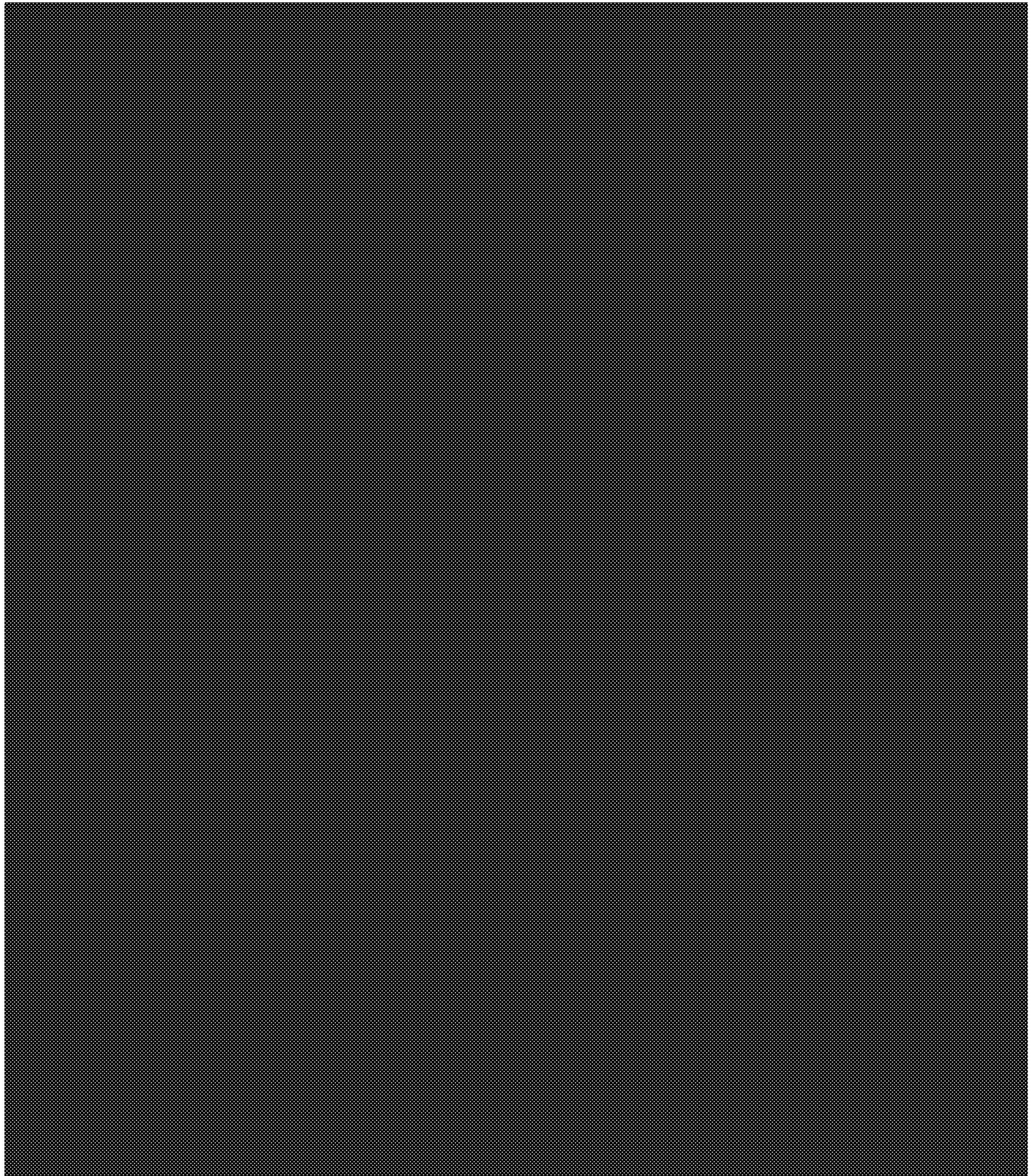


3. ASSIGNMENT OF INVENTIONS. Employee agrees that all Inventions that are authored, conceived, developed, or first reduced to practice or created by Employee (solely or jointly) during the term of Employee's employment and for a period of one year after termination of employment, either (a) resulting from using equipment, supplies, facilities, or trade secrets of the Company or resulting from work performed by Employee for the Company or (b) relating to the Company's business or current or anticipated research and development, are the sole and exclusive property of the Company, and Employee shall assign, and upon creation hereby automatically assigns, all right, title, and interest in such Inventions to the Company. Employee acknowledges that the assignment of Employee's entire right, title and interest in and to any and all such Inventions to the Company is deemed effective upon the earliest of the

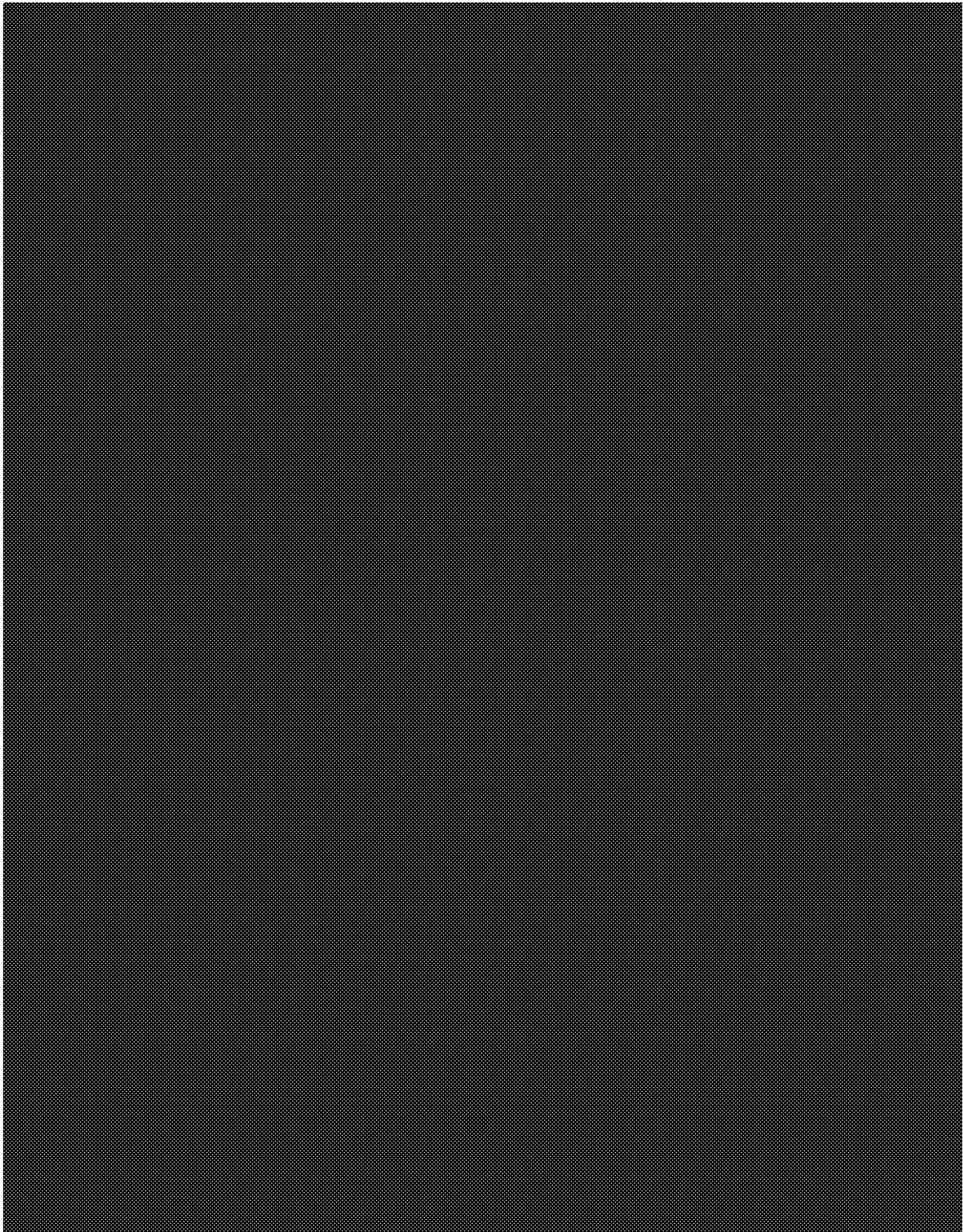
conception, development, first reduction to practice, or creation of the Invention by Employee. Employee agrees, without further consideration and upon request by the Company, to assist and cooperate with the Company by executing any and all documents, and by performing any and all lawful acts, necessary to document the assignment to the Company (or Company's designee) of the Employee's right, title and interest in and to any and all such Inventions and to assist the Company (or Company's designee) in perfecting such rights. Employee understands that a number of states have specific laws about the assignment of inventions, some of which require that employees be given notice of those laws. The Company has attached, as Exhibit A, a current list of those state laws. Employee agrees that the attached list is adequate notice of any applicable law, and that such Exhibit A shall be deemed modified in the future if, in the future, any state passes or amends any such law. Employee agrees that if any provision of this Paragraph 3 is found to be inconsistent with applicable law, it is the Company's and Employee's intention that this Paragraph should be deemed modified to be consistent with applicable law and then enforced as so modified.

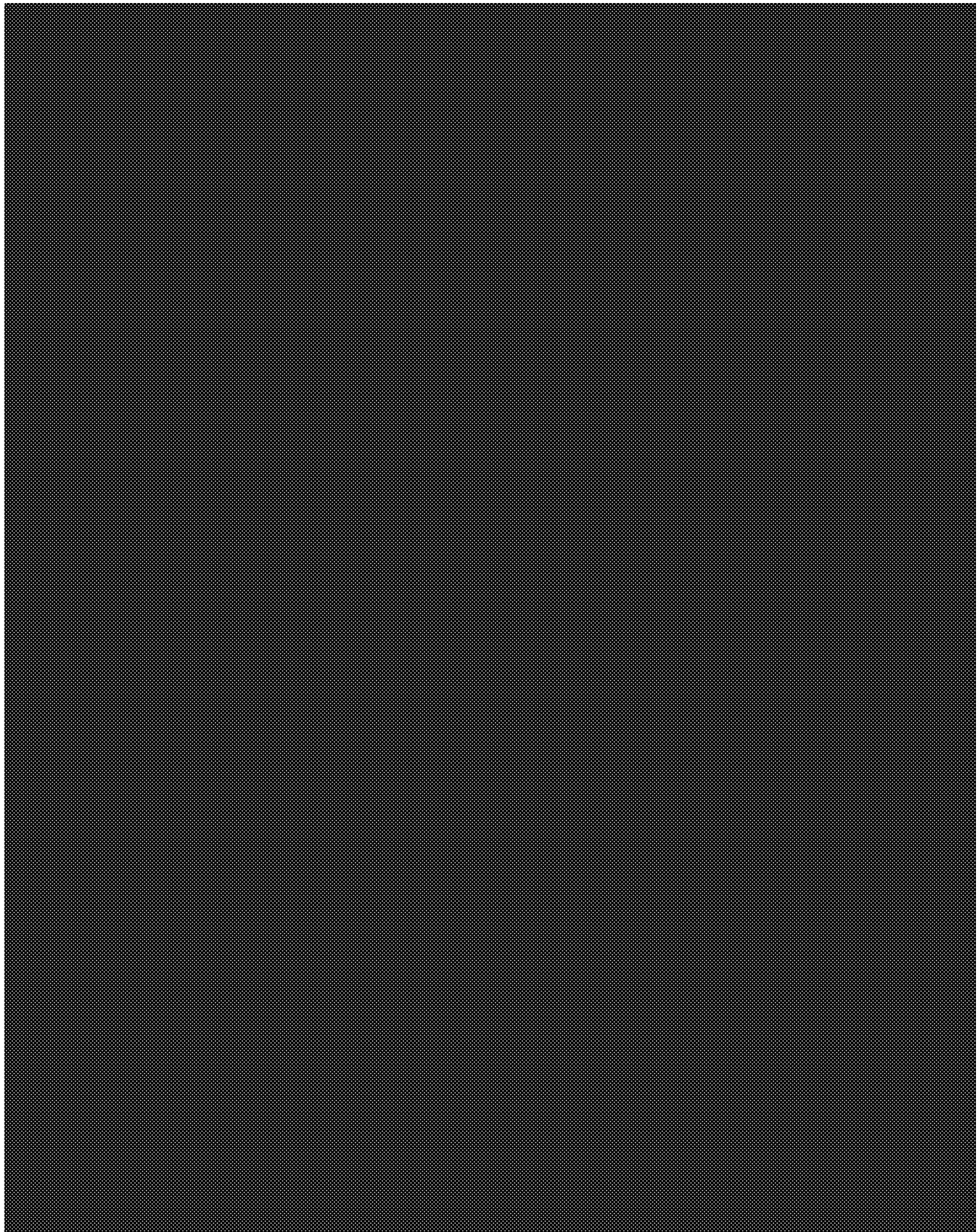
5. ASSIGNMENT OF APPLICATIONS / REGISTRATIONS – ASSISTANCE WITH PROSECUTION AND LITIGATION. Employee hereby assigns to the Company, its successors and assigns, all of Employee's right, title, and interest in and to all U.S. and international applications for Letters Patent and copyright registrations that are filed by Company or the Employee to protect Inventions (including Works) that are assigned under this Agreement, whether such applications and registrations are filed during or subsequent to the term of Employee's employment. Employee agrees, without further consideration, to assist Company during and subsequent to the term of Employee's employment in every legal way in obtaining, at Company's expense, protection for such Inventions. Employee agrees to execute any and all papers, take all lawful oaths, and do all lawful acts required in or concerning such applications, and/or divisions, continuations, extensions, or renewals thereof and any application for the reissuance or reexamination of any patents granted thereon or on such divisions, continuations or renewals of such applications. Employee will, at the expense of the Company, assist the Company in enforcing its rights in such Inventions, including by giving testimony in the conduct of any interference proceeding or litigation which involves or concerns either (a) the priority or

originality of such Inventions or (b) the validity or the scope of patents granted on such Inventions.

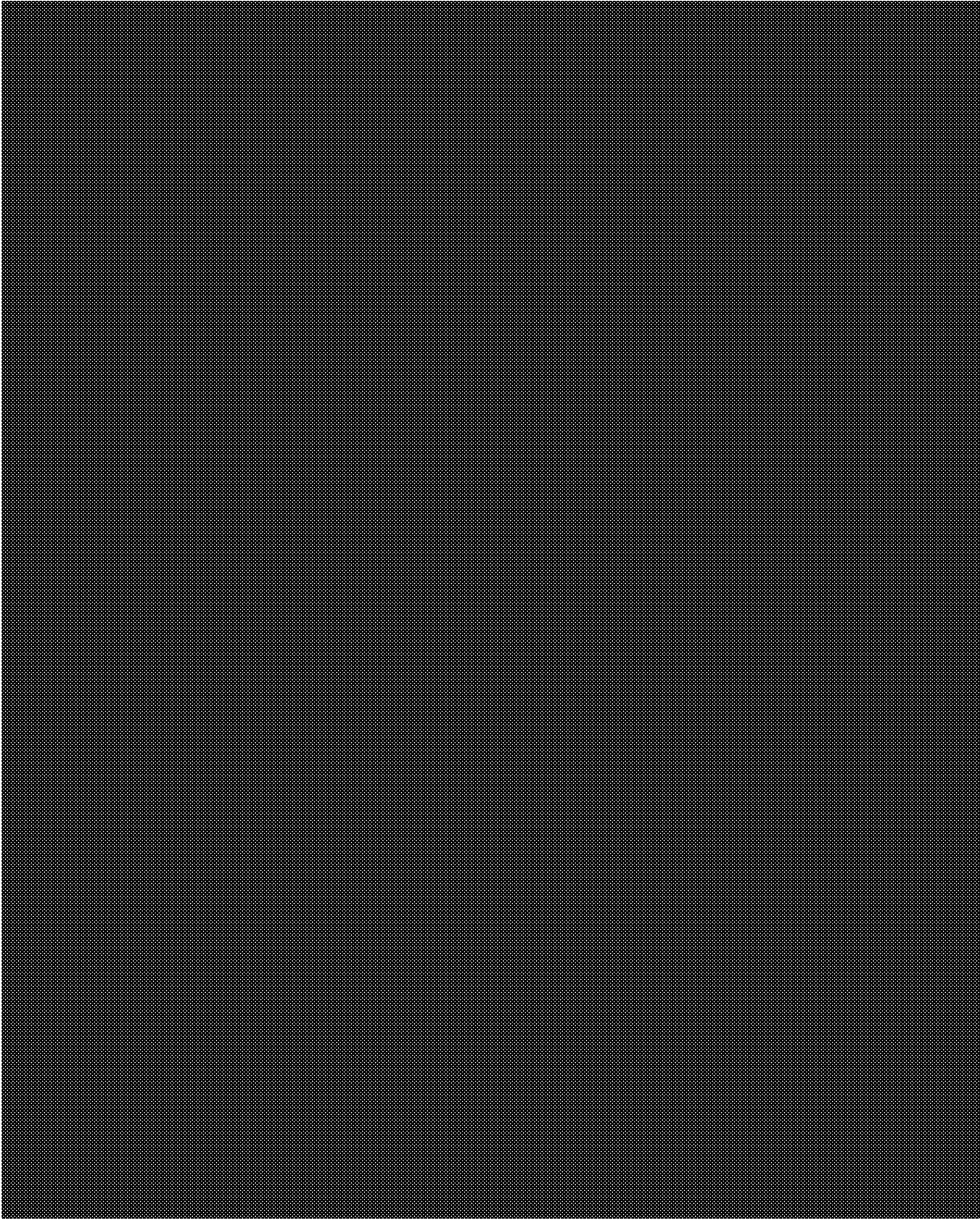








August 7, 2014 Revision



August 7, 2014 Revision



