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Michael Kraley Additional name(s) of conveying party(ies) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment	Street Address: 345 Park Av City: San Jose State: CA	venue	
If this document is being filed together with a new applic A. Patent Application No.(s) Serial No. 12/119,407, filed May 12, 2008 Additional numbers attached? []Yes [X]No	ation, the execution date of the applic B. Patent N		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Andre L. Marais Address: Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 Minneapolis, MN 55402-0938	 7. Total fee (37 CFR 3.41):5 []Enclosed [X]Authorized to be a 19-0743 8. Please charge any addition payments to our Deposit 	[X]Authorized to be charged to deposit account	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing into of the original document. Andre Marais/Reg. No. 48,095	for nation is true and correct and any a	attached copy is a true copy 06/16/08 Date	
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> PATENT REEL: 021100 FRAME: 0191

ASSIGNMENT

WHEREAS, I, <u>Mike Kraley</u>, residing at <u>5 Fox Run Lane</u>, <u>Lexington</u>, <u>MA 02420</u>, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States entitled <u>ITEM LIST IN ELECTRONIC CONTENT</u>;

WHEREAS, I hereby authorize and request my attorneys, as listed on the Combined Declaration and Power of Attorney, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/119, 407; Filing Date: MAY 12, 2008) the filing date and application number of said application when known.

AND WHEREAS, <u>Adobe Systems Incorporated</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>345 Park Avenue</u>, <u>San Jose</u>, <u>CA 95110-2704</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and 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, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, I do hereby agree that I 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 said Assignee, its successors and representatives all facts known to me relating to said 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 said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said 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 me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

PATENT

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