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| Name Krishna A. Canekeratne | 10/02/2000 | | | |
| Name Edward J. Morgan | 10/02/2000 | | | |
| Name Brian C. Barnes | 10/02/2000 | | | |
| Name Ishan Birchett | 10/02/2000 | | | |
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| Area Code and Telephone Number (617) 248-7793 | | | | |
| Name Patent Administrator | | | | |
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| 09/602,697 | | | | |
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| R. Stephen Rosenholm 10/12/00 | | | | |
| Name of Person Signing Signature Date | | | | |

ROSENHRS\2144\4.1086349_1

ASSIGNMENT

WHEREAS, We, Kevin E. Laracey, Krishna A. Canekeratne, Edward J. Morgan, Brian C. Barnes, and Ishan Birchett, have invented one or more improvements in:

ELECTRONIC BILL PRESENTMENT AND PAYMENT

described in an application (or provisional application) for Letters Patent of the United States:

- identified by Attorney Docket No. EDC-001, and/or executed by us of even date herewith and about to be filed in the United States Patent Office;
 - Serial No. <u>09/602,697</u> filed in the United States Patent Office on <u>June 24, 2000</u>; and

WHEREAS, eDocs, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at Two Apple Hill, Suite 101, 598 Worcester Road, Natick, Massachusetts 01760 desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents 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, its territories and all foreign countries, in and to the inventions described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of our entire right, title and interest therein.

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said inventions or any application or patent directed thereto may be involved; and

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Joint Assignment Page 2

we further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on that date of our execution of this assignment;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

| | | Inventor: Kevin E. Laracey |
|--|-----------|--|
| Commonwealth of Massachusetts County of |)) ss | • |
| Subscribed and sworn to before , 2000. | e me, by | Notary Public My Commission Expires: 12 01 02 02 03 04 05 05 05 05 05 05 05 |
| | | Inventor: Special Krishna A. Canèkeratne |
| Commonwealth of Massachusetts County of |)) ss | |
| Subscribed and sworn to before of, 2000. | re me, b | Notary Public My Commission Expires: 12/01/00 |

PATENT REEL: 011189 FRAME: 0994

| Joint | Assignment |
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RECORDED: 10/16/2000

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|--|-----------|--------------------------------|------------------------------------|
| | | Inventor: | Edward J. Morgan |
| Commonwealth of Massachusetts County of |)) ss | | · |
| Subscribed and sworn to before 2000. | e me, by | the above-name | d Edward J. Morgan this 200 day of |
| | | Notary Public My Commission | on Expires: 12/01/00 |
| | | Inventor: | |
| Commonwealth of Massachusetts County of |)) ss | | Brian C. Barnes |
| Subscribed and sworn to before 2000. | re me, by | Notary Public | on Expires: 12/01/00 |
| | | Inventor: | Ishan Birchett Inches |
| Commonwealth of Massachusetts County of |)) ss | | |
| Subscribed and sworn to befo | re me, b | Notary Public | ion Expires: 12/01/00 |
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PATENT REEL: 011189 FRAME: 0995