PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | | NEW ASSIGNMENT | |
|--|--------------------------------|---|------------------------------|
| NATURE OF CONVEYANCE | Ξ: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | | |
| | | lame | Execution Date |
| Vivo Software, Inc. | | | 03/24/1998 |
| RECEIVING PARTY DATA | | | |
| Name: RN A | cquisition Cor | poration | |
| | Elliott Avenue | | |
| City: Seattl | | | |
| State/Country: WASI | HINGTON | | |
| Postal Code: 9812 | 1 | | |
| PROPERTY NUMBERS Tota | al: 1 | | |
| Property Type | | Number | |
| Patent Number: | 57128 | 809 | |
| CORRESPONDENCE DATA | A | | |
| Fax Number: (| (206)217-2202 | | |
| | 2062172200 | | |
| - | patents@aeor | | • |
| Correspondence will be sent via US Mail. | t to the e-mail | address first; if that is unsuccessful, it will be se | nt C |
| | Adam L.K. Phi | lipp | |
| - | | ue, Suite 2100 | |
| Address Line 4: | Seattle, WASH | IINGTON 98101 | |
| ATTORNEY DOCKET NUME | BER: | RN047 MERG VIVO TO RN ACQ | |
| NAME OF SUBMITTER: | | Adam L.K. Philipp | |
| Total Attachments: 12 source=Vivo_into_RN_Acquis source=Vivo_into_RN_Acquis source=Vivo_into_RN_Acquis source=Vivo_into_RN_Acquis 501861714 | siton_WA_cert siton_WA_cert | _merger#page2.tif _merger#page3.tif _merger#page4.tif | PATENT 027905 FRAME: 0534 |

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STATE of WASHINGTON



SECRETARY of STATE

I, RALPH MUNRO, Secretary of State of the State of Washington and custodian of its seal, hereby issue this

ARTICLES OF MERGER

to

RN ACQUISITION CORP.

a Washington Profit corporation,

were filed for record in this office on the date indicated below.

Merging VIVO SOFTWARE, INC. (A Massachusetts corp. not qualified in Washington) into RN ACQUISITION CORP.

UBI Number: 601 855 177

Date: March 24, 1998



Given under my hand and the Seal of the State of Washington at Olympia, the State Capital

NRO Munro, Secretary of State 2-576982-9

FILED STATE OF WASHINGTON

MAR 2 4 1998

ARTICLES OF MERGER

RALPH MUNRO SECRETARY OF STATE

RN ACQUISITION CORP.

AND

VIVO SOFTWARE, INC.

Pursuant to the provisions of RCW 23B.11.050, the following Articles of Merger are executed for the purpose of merging VIVO SOFTWARE, INC., a Massachusetts corporation (the "Merged Corporation"), with and into RN ACQUISITION CORP., a Washington corporation (the "Surviving Corporation").

1. The Plan of Merger dated Feb. 20, 1998 by and between the Merged Corporation and the Surviving Corporation is attached hereto as Exhibit A (the "Plan of Merger").

2. The Plan of Merger was duly approved by the shareholders of each of the Merged Corporation and the Surviving Corporation pursuant to RCW 23B.11.030.

3. These Articles of Merger shall be effective as of March 24, 1998.

Dated as of March 24^{-} , 1998.

RN ACQUISITION CORP.

Bruce Jacobsen By_ PresVdent lts

Doc ID: N-91470 Ver: 2 48588-00037 3/5/98 ATD

EXHIBIT A

PLAN OF MERGER

Pursuant to RCW 23B.11, the Plan of Merger of Vivo Software, Inc., a Massachusetts corporation ("Vivo" or the "Merged Corporation") and RN ACQUISITION CORP., a Washington corporation ("RN Acquisition" or the "Surviving Corporation") is as follows:

RECITALS

A. Vivo is a corporation organized and existing under the laws of the Commonwealth of Massachusetts. Vivo has authorized capital stock consisting of 28,022,082 shares of Vivo Common Stock ("Vivo Common") of which 2,144,909 shares are issued and outstanding; 18,782,979 shares of Vivo Preferred Stock of which 3,510,000 shares have been designated as Series A Preferred Stock, all of which are outstanding; 2,840,000 shares have been designated as Series B Preferred Stock, all of which are outstanding; 2,840,000 shares have been designated as Series C Preferred Stock, all of which are outstanding; and 9,200,000 shares have been designated Stock, all of which are outstanding.

B. RN ACQUISITION is a corporation organized and existing under the laws of the State of Washington. RN ACQUISITION has authorized and issued capital stock consisting of One Hundred (100) shares of stock par value \$0.01 per share.

C. Vivo and RN ACQUISITION have entered into an Agreement and Plan of Merger dated February 20, 1998 (the "Merger Agreement"), which provides among other things for the Merged Corporation to merge with and into the Surviving Corporation. All capitalized terms not defined herein shall have the meaning set forth in the Merger Agreement.

D. The Boards of Directors of the Merged Corporation and the Surviving Corporation deem it advisable for the Merged Corporation to merge with and into RN ACQUISITION.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the Merged Corporation and the Surviving Corporation hereby agree to the following Plan of Merger:

1. <u>Names of Constituent Corporations</u>. Vivo will be merged with and into RN ACQUISITION. RN ACQUISITION will be the Surviving Corporation.

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2. Terms and Conditions of Merger. The Merger shall become effective on such date and at such time (the "Effective Time") as (a) properly executed Articles of Merger, including, in the State of Washington, this Plan of Merger, are duly filed with the Secretary of State of the State of Washington and the Secretary of State of the Commonwealth of Massachusetts, or (b) such later date and time as may be specified in the Articles of Merger. Upon the Effective Time the separate corporate existence of the Merged Corporation shall cease; title to all real estate and other property owned by the Merged Corporation or the Surviving Corporation shall be vested in the Surviving Corporation without reversion or impairment; and, the Surviving Corporation shall have all rights and liabilities of the Merged Corporation or the Surviving Corporation or the Surviving Corporation or the Surviving Corporation and the Surviving Corporation may be continued as if such merger did not occur, or the Surviving Corporation may be substituted in the proceeding for the Merged Corporation.

3. <u>Governing Law</u>. The laws of the State of Washington shall govern the Surviving Corporation.

4. <u>Name</u>. The name of the Surviving Corporation shall be RN Acquisition Corp.

5. <u>Registered Office and Agent</u>. The address of the registered office of the Surviving Corporation shall be 1111 Third Avenue, Suite 2900, Seattle, WA 98101. The registered agent shall be Kelly Jo MacArthur.

6. <u>Articles of Incorporation</u>. The Articles of Incorporation shall be those of the Surviving Corporation immediately prior to the Effective Time.

7. <u>Bylaws</u>. The Bylaws shall be those of the Surviving Corporation immediately prior to the Effective Time.

8. <u>Directors and Officers</u>. The directors of the Surviving Corporation shall be Robert Glaser and Bruce Jacobsen, until their respective successors are duly elected and qualified. The officers of the Surviving Corporation shall be Robert Glaser (Chief Executive Officer), Bruce Jacobsen (President), Kelly Jo MacArthur (Secretary) and Mark Klebanoff (Treasurer).

9. <u>Manner and Basis of Converting Shares</u>. As of the Effective Time, each share of Vivo Common outstanding immediately prior to the Effective Time shall be converted, without any action on the part of the holders thereof, into the right to receive 0.04449 shares of common stock, par value \$0.001 per share, of RealNetworks, Inc., a Washington corporation and parent of the Surviving Corporation.

10. <u>Shareholder Approval</u>. Pursuant to Chapter 156B, Section 78 of the Massachusetts Business Corporation Law and RCW 23B.11.040, the shareholders of

the Merged Corporation and the Surviving Corporation have approved this Plan of Merger.

11. <u>Termination of Merger</u>. This merger may be abandoned at any time prior to the filing of Articles of Merger with the Secretary of State of the State of Washington and the Secretary of State of the Commonwealth of Massachusetts, upon a vote of a majority of the respective Boards of Directors of the Merged Corporation and the Surviving Corporation.

12. <u>Counterparts</u>. This Plan of Merger may be executed in counterparts, and such counterparts shall be and constitute an original instrument.

IN WITNESS WHEREOF, this Plan of Merger has been adopted by the undersigned corporations as of this 20thday of February, 1998.

VIVO SOFTWARE, INC.

| Ву | |
|----------------------|--|
| lts: | |
| RN ACQUISITION CORP. | |

Βv Bruce Jadobsen lts: President

the Merged Corporation and the Surviving Corporation have approved this Plan of Merger.

11. <u>Termination of Merger</u>. This merger may be abandoned at any time prior to the filing of Articles of Merger with the Secretary of State of the State of Washington and the Secretary of State of the Commonwealth of Massachusetts, upon a vote of a majority of the respective Boards of Directors of the Merged Corporation and the Surviving Corporation.

12. <u>Counterparts</u>. This Plan of Merger may be executed in counterparts, and such counterparts shall be and constitute an original instrument.

IN WITNESS WHEREOF, this Plan of Merger has been adopted by the undersigned corporations as of this 20th day of Tebroary, 1998.

VIVO SOFTWARE, INC.

8v Zenus W. Hutcheson I Its: President

RN ACQUISITION CORP.

8y lts:_____

Doc 10: N-93 & 73 Ver: 2 49588-00037 3/6/38 SAL



FEDERAL IDENTIFICATION FEDERAL IDENTIFICATION NO. 04-316185

NO. Applied For

The Commonwealth of Massachusetts

William Francis Galvin Secretary of the Commonwealth One Ashburton Place, Boston, Massachusetts 02108-1512

ARTICLES OF *CONSOLIDATION / *MERGER (General Laws, Chapter 156B, Section 79)

"Consolidation./ "merger of

Examiner

<u>Vivo Software, Inc.</u>

RN Acquisition Corp.

the constituent corporations, into

RN Acquisition Corp.

*2 new corporation / *one of the constituent corporations organized under the laws of _____Washington

The undersigned officers of each of the constituent corporations certify under the penalties of perjury as follows:

1. An agreement of "consolidation-/ "merger has been duly adopted in compliance with the requirements of General Laws, Chapter 156B, Section 79, and will be kept as provided by Subsection (c) thereof. The tresulting / *surviving corporation will furnish a copy of said agreement to any of its stockholders, or to any person who was a stockholder of any constituent corporation, upon written request and without charge.

2. The effective date of the homsolidation / "merger determined pursuant to the agreement of homsolidation / *merger shall be the date approved and filed by the Secretary of the Commonwealth. If a later effective date is desired, specify such date which shall not be more than thirty days after the date of filing:

March 24, 1998

3. (For a merger)

Ċ E. 34 A. R

È.Ċ.

**The following amendments to the Articles of Organization of the surviving corporation have been effected pursuant to the agreement of merger: None. \$73 80

| | | | 00 | $\sum_{i=1}^{n}$ |
|----------|---|------|----------------------|---------------------|
| | | | | |
| | -(Pore consolidation). | AT 6 | nera N. J. Mar | |
| | (a). The purpose of the resulting corporation is to engage in the following business activitie N/A | | | |
| 2 | | ĝ | \$ 2 | ter da Ser julij |
| | | | <2> | |

"Delete the inapplicable words:

Note: If the space provided under any article or tiem on this form is insufficient, additions shall be set forth on separate 81/2 x 11 sheets of paper with a left margin of at least 1 inch. Additions to more than one article may be made on a single sheet as long as each article requiring each addition is clearly indicated.

(For a consolidation)-----

State the total number of shares and the par value, if any, of each class of stock which the resulting corporation is authorized to issue:

| WII | HOUT PAR VALUE | | WITH PAR VALUE | |
|------------|------------------|------------|------------------|-----------|
| . TYPE | NUMBER OF SHARES | TYPE | NUMBER OF SHARES | PAR VALUE |
| Common: | | Common: | | |
| | | | | |
| Preferred: | | Preferred: | | |
| | | | | |

**(c) If more than one class of stock is authorized, state a distinguishing designation for each class and provide a description of the preferences, voting powers, qualifications, and special or relative rights or privileges of each class and of each series then established.

(d) The restrictions, if any, on the transfer of stock contained in the agreement of consolidation are:

"(c) Other lawful provisions, if any, for the conduct and regulation of the business and affairs of the corporation, for its voluntary dissolution, or for limiting, defining, or regulating the powers of the corporation, or of its directors or stockholders, for of any class of stockholders......

4. The information contained in Item 4 is not a permanent pase of the Articles of Organization of the 'resulting / 'surviving proportion.

(a) The street address (past affice boxes are not acceptable) of the "resulting /"curviving corporation in Massachusella is-

(b) The name, residential address and post office address of each director and officer of the *resulting / *auxizing corporation is:



(c) The figure fyear end (i.e. tax year) of the "resulting / "surviving corporation shall end on the last day of the month of:

Item 5 below may be deleted if the zesulting/surviving corporation is organized under the laws of Massachusetts.

5. The Aresulting / "surviving corporation hereby agrees that it may be sued in the Commonwealth of Massachusetts for any prior obligation of any constituent Massachusens corporation, any prior obligation of any constituent foreign corporation qualified under General Laws, Chapter 181, and any obligations hereafter incurred by the freaking / "surviving corporation, including the obligation created by General Laws, Chapter 156B, Section 85, so long as any liability remains outstanding against the corporation in the Commonwealth of Massachusetts, and it hereby irrevocably appoints the Secretary of the Commonwealth as its agent to accept service of process in any action for the enforcement of any such obligation, including taxes, in the same manner as provided in Chapter 181.

FOR MASSACHUSETTS CORPORATIONS

The undersigned *President / *Vice President and *Clerk / *Assistant Clerk of Vive Software, Inc. a corporation organized under the laws of Massachusetts, further state under the penalties of perjury that the agreement of "consolidation / "merger has been duly executed on behalf of such corporation and duly approved in the manner required by General Laws, Chapter 1568, Section 78

....., "President / "Nice President

., *Clerk / *Assistant Clerk

.....

FOR CORPORATIONS ORGANIZED IN A STATE OTHER THAN MASSACHUSETTS

The undersigned, <u>t</u>Bruce Jacobsen, President and <u>tt</u>Kelly Jo MacArthur, Secretary

RN Acquisition Corp. œ

the state of Washington

merger has been duly adopted by such corporation in the manner required by the laws of the state of Washington

| *Delete the inapplicable words, | |
|------------------------------------|-----|
| tSpecify the officer having power. | s's |

and duties corresponding to those of the president or vice president of a Massachusetts corporation organized under General Laws, Chapter 1568. ftSpecify the officer baving powers and duites corresponding to the clerk or assistant clark of such a Massachuseus corporation.

Bruce Jacobsen, President

tt ______ Kmlly Jo MacAr ther PATENT

REEL: 027905 FRAME: 0544

| Sector Contractor | NAME | RESIDENTIAL ADDR | ESS PC | OST OFFICE ADDRESS | and the state of t |
|-------------------|------|--|--|--|--|
| President: | | | | and the second | |
| Treasurer: | | | | Same and the second | |
| Clerk: | | | and the second | ~ | |
| Directors: | | | - And the second se | | |
| | | | | | |
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| | | and the second | en englenne y hanne en | | |
| | | | 21 - 1999 - 1999 A. 1 | www.wei wie best | |

(c) The fiscal year end (i.e. tax year) of the "resulting / "surviving corporation shall end on the last day of the month of:

(d) The name and business address of the resident agent, if any, of the 'resulting / 'surviving corporation is----

Item 5 below may be deleted if the resulting/surviving corporation is organized under the laws of Massachusetts.

5. The *resulting / *surviving corporation hereby agrees that it may be sued in the Commonwealth of Massachusetts for any prior obligation of any constituent Massachusetts corporation, any prior obligation of any constituent foreign corporation qualified under General Laws, Chapter 181, and any obligations hereafter incurred by the *resulting / *surviving corporation, including the obligation created by General Laws, Chapter 156B, Section 85, so long as any liability remains outstanding against the corporation in the Commonwealth of Massachusetts, and it hereby irrevocably appoints the Secretary of the Commonwealth as its agent to accept service of process in any action for the enforcement of any such obligation, including taxes, in the same manner as provided in Chapter 181.

FOR MASSACHUSETTS CORPORATIONS

The undersigned *President /*Vice President and *Clerk /*Assistant Clerk of <u>Vivo Software</u>, Inc. a corporation organized under the laws of Massachusetts, further state under the pensities of perjury that the agreement of *consolidation / *merger has been duly executed on behalf of such corporation and duly approved in the manner required by General Laws, Chapter 156B, Section 78.

| | : | , Presideat / Witt President |
|---|-------------------------|---|
| Jane & Spincer | s | , *Clerk / *Assistant-Glask |
| FOR CORPORATIONS ORGANIZED IN A STATE OTH | | |
| The undersigned, <u>t</u> Bruce Jacobsen, Presiden | <u>t</u> and <u>†</u> † | Kelly Jo MAcArthur, Secretary |
| ofRN Acquisition Corp. | | , a corporation organized under the laws of |
| the state of Washington, further stat | | |
| "merger has been doly adopted by such corporation in th | | |
| *Delete the Inapplicable words. (Specify the officer batting powers and duties corresponding to those of the president or elice president of a Massachusetts corporation organized under General Laws, Chapter 1568. (TSpecify the officer baving powers and duties corresponding | f | |
| in the climk or assistant clerk of such a Massachusetts corporation. | ft | |
| | | PATENT |
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-(b).The name-recidential address and post office address of each director and officer of the "resulting./."surviving.corporation.is:

| | NAME | RESIDENTIAL ADDRESS | POST OFFICE ADDRESS |
|------------|------|--|---|
| Treasurer: | | | |
| Clerk: | | | automation and the second s |
| Directors | | | |
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(c) The figure year end (i.e. tax year) of the 'resulting / 'surviving corporation shall end on the last day of the month of.

(i) The name and business address of the resident agent, if any of the resulting / "surviving corporation (si-

Rem 5 below may be deleted if the sesulting/surviving corporation is organized under the laws of Massachusetts.

5. The mesuking / "surviving corporation hereby agrees that it may be sued in the Commonwealth of Massachusetts for any prior obligation of any constituent Massachusetts corporation, any prior obligation of any constituent foreign corporation qualified under General Laws, Chapter 181, and any obligations hereafter incurred by the travalling / "surviving corporation, including the pligation created by General Laws, Chapter 156B, Section 85, so long as any liability remains outstanding against the corporation in the Commonwealth of Massachuseus, and it hereby irrevocably appoints the Secretary of the Commonwealth as its agent to accept service of process in any action for the enforcement of any such obligation, including taxes, in the same manner as provided in Chapter 181.

FOR MASSACHUSETTS CORPORATIONS

The undersigned "President / "Vice-President and "Clerk / "Assistant Clerk of _____ Vivo Software, Inc. a corporation organized under the laws of Massachusens, further state under the penalties of perjury that the spreement of "consolidations / "merger has been duly executed on behalf of such corporation and duly approved in the manner required by General Laws, Chapter 1568, Section 78.

, "President / "Vice Peesident

_____, *Clerk / \$455istant-Glerk

FOR CORPORATIONS ORGANIZED IN A STATE OTHER THAN MASSACHUSETTS

The undersigned, + Bruce Jacobsen, President and H Kelly Jo MacArthur, Secretary

PN Acquisition Corp. ΟŤ.

, further state under the penalties of penjury that the agreement of *eemolidation/ the state of Washington

"merger has been duly adopted by such corporation in the manner required by the laws of the state of Washington

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| cami | wallon organizad under General Lews, Chapter 1568. |
| 225.00 | with the officer bandne powers and duties correspondent |
| 10. 28 | clerk or accessant clerk of such a Massachusens corporation |

Bruce Jacobsen, Aresident 12

, a corporation organized under the laws of

Kelly 36 MacArthur, Secretary

THE COMMONWEALTH OF MASSACHUSETTS

ARTICLES OF *CONSOLIDATION / *MERGER (General Laws, Chapter 156B, Section 79)

I hereby approve the within Anticles of *Consolidation / *Merger and, the filing fee in the amount of \$ _______, having been paid, said articles are deemed to have been filed with me this _______ day of ______, 19 _____.

Effective date

WILLIAM FRANCIS GALVIN

Secretary of the Commonwealth

TO BE FILLED IN BY CORPORATION Photocopy of document to be sent to:

| iy & Arnol | | |
|---------------|------|--|
| ves Wharf | MA (| |

PATENT REEL: 027905 FRAME: 0547

RECORDED: 03/21/2012