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Form PTO-1595
(Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

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Tab settings ⇨ ⇨ ⇨

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

WASHINGTON SUB, INC.

9.17.03

2. Name and address of receiving party(ies)

Name: ALPHA INDUSTRIES, INC.

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Street Address: 20 Sulvan Road, Woburn,

Massachusetts 01801 U.S.A.

City: State: Zip:

Execution Date: June 25, 2003

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/435,647

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John D. Harris

Internal Address: Gowling Lafleur Henderson LLP

160 Elgin Street, Suite 2600

Ottawa, Ontario K1P 1C3

Street Address:

City: State: Zip:

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1644

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John D. Harris

Name of Person Signing

Signature

Date

Sept. 15/03

Total number of pages including cover sheet, attachments, and documents: ☐

09/24/2003 ECDOPER 00000101 501644 09435647

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 014512 FRAME: 0600

CERTIFICATE OF MERGER
OF
WASHINGTON SUB, INC.
WITH AND INTO
ALPHA INDUSTRIES, INC.

Pursuant to Section 251 of the General
Corporation Law of the State of Delaware

Alpha Industries, Inc., a Delaware corporation (the "Corporation"), does hereby certify:

FIRST: The names and states of incorporation of the constituent corporations to this merger are as follows:

<u>Name</u>	<u>State of Incorporation</u>
Alpha Industries, Inc.	Delaware
Washington Sub, Inc.	Delaware

SECOND: The Agreement and Plan of Reorganization dated as of December 16, 2001, as amended as of April 12, 2002 (the "Agreement") by and among Conexant Systems, Inc., Washington Sub, Inc. and the Corporation, providing for, among other things, the merger of Washington Sub, Inc. with and into the Corporation has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: The Corporation shall be the surviving corporation of the merger under the name "Alpha Industries, Inc." (the "Surviving Corporation").

FOURTH: The Certificate of Incorporation of the Surviving Corporation shall be amended to read in its entirety as set forth on Exhibit A attached hereto until thereafter changed, or amended as provided therein or by applicable law.

FIFTH: The executed Agreement is on file at an office of the Surviving Corporation, the address of which is 20 Sylvan Road, Woburn, Massachusetts 01801. A copy of the Agreement will be provided by the Surviving Corporation, upon request and without cost, to any stockholder of either constituent corporation.

SIXTH: This Certificate of Merger shall become effective at 11:59 p.m. Eastern Time on June 25, 2002.

Delaware

PAGE 1

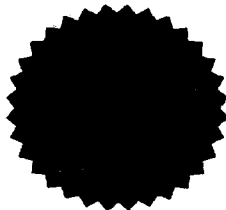
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"WASHINGTON SUB, INC.", A DELAWARE CORPORATION,
WITH AND INTO "ALPHA INDUSTRIES, INC." UNDER THE NAME OF
"ALPHA INDUSTRIES, INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE TWENTY-FIFTH DAY OF JUNE, A.D. 2002, AT 8
O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF MERGER IS THE TWENTY-FIFTH DAY OF
JUNE, A.D. 2002, AT 11:59 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE
NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0588101 8100M

AUTHENTICATION: 1850260

020408792

DATE: 06-25-02

PATENT
REEL: 014512 FRAME: 0602

IN WITNESS WHEREOF, the undersigned has caused this Certificate of Merger to be executed in its corporate name this 25th day of June, 2002.

ALPHA INDUSTRIES, INC.

By /s/ Paul E. Vincent
Name: Paul E. Vincent
Title: Vice President, Chief Financial
Officer, Treasurer and
Secretary

EXHIBIT A**RESTATED CERTIFICATE OF INCORPORATION
OF ALPHA INDUSTRIES, INC.,
AS AMENDED**

FIRST: The name of the Corporation is

Alpha Industries, Inc.

SECOND: The Corporation's registered office in the State of Delaware is located at 2711 Centerville Road, Suite 400, City of Wilmington, County of New Castle. The name and address of its registered agent is The Prentice-Hall Corporation System, Inc., 2711 Centerville Road, Suite 400, City of Wilmington, County of New Castle.

THIRD: The nature of the business, or objects or purposes to be transacted, promoted or carried on, are: To engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

FOURTH: The total number of shares of all classes of stock which the Corporation shall have the authority to issue is 550,000,000, of which (i) 525,000,000 shares of the par value of \$.25 each are to be of a class designated Common Stock (the "Common Stock") and (ii) 25,000,000 shares without par value are to be of a class designated Preferred Stock (the "Preferred Stock").

In this Article Fourth, any reference to a section or paragraph, without further attribution, within a provision relating to a particular class of stock is intended to refer solely to the specified section or paragraph of the other provisions relating to the same class of stock.

COMMON STOCK

The Common Stock shall have the following voting powers, designations, preferences and relative, participating, optional and other special rights, and qualifications, limitations or restrictions thereof:

1. **Dividends.** Subject to the rights of the holders of Preferred Stock, the holders of shares of the Common Stock shall be entitled to receive such dividends and distributions in equal amounts per share, payable in cash or otherwise, as may be declared thereon by the Board of Directors from time to time out of assets or funds of the Corporation legally available therefor.

2. **Rights on Liquidation.** In the event of any liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary, after the payment to creditors and the payment or setting apart for payment to the holders of any outstanding Preferred Stock of the full preferential amounts to which such holders are entitled as herein provided or referred to, all of the remaining assets of the Corporation shall belong to and be distributable in equal amounts per share to the holders of the Common Stock. For purposes of this paragraph 2, a consolidation or merger of the Corporation with any other corporation, or the sale, transfer or lease of all or substantially all its assets shall not constitute or be deemed a liquidation, dissolution or winding-up of the Corporation.

3. **Voting.** Except as otherwise provided by the laws of the State of Delaware or by this Article Fourth, each share of Common Stock shall entitle the holder thereof to one vote.

PREFERRED STOCK

The Preferred Stock may be issued from time to time in one or more series. The Board of Directors is hereby authorized to provide for the issuance of shares of Preferred Stock in series and, by filing a certificate pursuant to the applicable law of the State of Delaware (hereinafter referred to as a "Preferred Stock Designation"), to establish from time to time the number of shares to be included in each such series, and to fix the designation, powers, preferences and rights of the shares of each such series and the qualifications, limitations and restrictions thereof. The authority of the Board of Directors with respect to each series shall include, but not be limited to, determination of the following:

- (a) the designation of the series, which may be by distinguishing number, letter or title;
- (b) the number of shares of the series, which number the Board of Directors may thereafter (except where otherwise provided in the Preferred Stock Designation) increase or decrease (but not below the number of shares thereof then outstanding);
- (c) whether dividends, if any, shall be cumulative or noncumulative and the dividend rate of the series;
- (d) the dates at which dividends, if any, shall be payable;
- (e) the redemption rights and price or prices, if any, for shares of the series;
- (f) the terms and amount of any sinking fund provided for the purchase or redemption of shares of the series;

(g) the amounts payable on shares of the series in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation;

(h) whether the shares of the series shall be convertible into shares of any other class or series, or any other security, of the Corporation or any other corporation, and, if so, the specification of such other class or series or such other security, the conversion price or prices or rate or rates, any adjustments thereof, the date or dates as of which such shares shall be convertible and all other terms and conditions upon which such conversion may be made;

(i) restrictions on the issuance of shares of the same series or of any other class or series; and

(j) the voting rights, if any, of the holders of shares of the series; provided, that, except as otherwise provided by the laws of the State of Delaware, no share of Preferred Stock of any series shall be entitled to more than one vote per share of Preferred Stock.

Except as may be provided in this Certificate of Incorporation or in a Preferred Stock Designation, the Common Stock shall have the exclusive right to vote for the election of directors and for all other purposes, and holders of Preferred Stock shall not be entitled to receive notice of any meeting of stockholders at which they are not entitled to vote. The number of authorized shares of Preferred Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of a majority of the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for the purposes of this Article Fourth as one class of stock, without a vote of the holders of the Preferred Stock, or of any series thereof, unless a vote of any such holders is required pursuant to any Preferred Stock Designation.

The Corporation shall be entitled to treat the person in whose name any share of its stock is registered as the owner thereof for all purposes and shall not be bound to recognize any equitable or other claim to, or interest in, such share on the part of any other person, whether or not the Corporation shall have notice thereof, except as expressly provided by applicable law.

FIFTH: The Corporation is to have perpetual existence.

SIXTH: The private property of the stockholders of the Corporation shall not be subject to the payment of corporate debts to any extent whatever.

SEVENTH: The number of directors shall be fixed from time to time exclusively by the Board of Directors pursuant to a resolution adopted by a majority of the total

number of authorized directors (whether or not there exist any vacancies in previously authorized directorships at the time any such resolution is presented to the Board of Directors for adoption). At the 1983 annual meeting of stockholders, the directors shall be divided into three classes, as nearly equal in number as possible, with the term of office of the first class to expire at the 1984 annual meeting of stockholders, the term of office of the second class to expire at the 1985 annual meeting of stockholders and the term of office of the third class to expire at the 1986 annual meeting of stockholders. At each annual meeting of stockholders following such initial classification and election, directors elected to succeed those directors whose terms expire shall be elected for a term of office to expire at the third succeeding annual meeting of stockholders after their election, unless, by reason of any intervening changes in the authorized number of directors, the board shall designate one or more of the then expiring directorships as directorships of another class in order more nearly to achieve equality of number of directors among the classes.

Notwithstanding the rule that the three classes shall be as nearly equal in number of directors as possible, in the event of any change in the authorized number of directors, each director then continuing to serve as such shall nevertheless continue as a director of the class of which he is a member until the expiration of his current term, or his prior death, resignation or removal. If any newly created directorship may, consistently with the rule that the three classes shall be as nearly equal in number of directors as possible, be allocated to one of two or more classes, the Board of Directors shall allocate it to that of the available classes whose term of office is due to expire at the earliest date following such allocation.

Vacancies resulting from any increase in the authorized number of directors or any vacancies in the Board of Directors resulting from death, resignation, retirement, disqualification, removal from office or other cause may be filled only by a majority vote of the directors then in office, though less than a quorum, and directors so chosen shall hold office for a term expiring at the annual meeting of stockholders at which the term of office of the class to which they have been elected expires. No decrease in the number of authorized directors shall shorten the term of any incumbent director.

Subject to the rights of the holders of any series of Preferred Stock or any other series or class of stock, as provided herein or in any Preferred Stock Designation, to elect additional directors under specific circumstances, any director may be removed from office at any time, but only for cause and only by the affirmative vote of the holders of at least a majority of the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for the purposes of this Article Seventh as one class of stock.

No director of the Corporation shall be liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for

acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived an improper personal benefit. No repeal or modification of this paragraph, directly or by adoption of an inconsistent provision of this Certificate of Incorporation, by the stockholders of the Corporation shall be effective with respect to any cause of action, suit, claim or other matter that, but for this paragraph, would accrue or arise prior to such repeal or modification.

EIGHTH: Unless otherwise determined by the Board of Directors, no holder of stock of the Corporation shall, as such holder, have any right to purchase or subscribe for any stock of any class which the Corporation may issue or sell, whether or not exchangeable for any stock of the Corporation of any class or classes and whether out of unissued shares authorized by the Certificate of Incorporation of the Corporation as originally filed or by any amendment thereof or out of shares of stock of the Corporation acquired by it after the issue thereof.

NINTH: Whenever a compromise or arrangement is proposed between this Corporation and its creditors or any class of them and/or between this Corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of this Corporation or of any creditor or stockholder thereof, or on the application of any receiver or receivers appointed for this Corporation under the provisions of section 291 of the General Corporation Law of the State of Delaware (the "GCL") or on the application of trustees in dissolution or of any receiver or receivers appointed for this Corporation under the provisions of section 279 of the GCL order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this Corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three-fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this Corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of this Corporation as consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of this Corporation, as the case may be, and also on this Corporation.

TENTH:

1. **Amendment of Certificate of Incorporation.** The corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner hereafter set forth, and all rights conferred upon stockholders herein are granted subject to this reservation.

- A. Except as provided in paragraphs 1(B) and (2) of this Article Tenth and in Article Eleventh, any provision of this Certificate of Incorporation may be amended, altered, changed or repealed in the manner now or hereafter prescribed by the statutes of the State of Delaware.
- B. Notwithstanding any of the provisions of this Certificate of Incorporation or any provision of law which might otherwise permit a lesser vote or no vote, but in addition to any affirmative vote of holders of any particular class or series of stock of the Corporation required by law or this Certificate of Incorporation, the affirmative vote of the holders of at least the following percentages of the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for this purpose as one class of stock, shall be required to amend, alter, change or repeal, or to adopt any provisions inconsistent with, the indicated provisions of this Certificate of Incorporation:
- (i) 80% in the case of Article Seventh or Article Thirteenth; and
 - (ii) 90% in the case of Article Twelfth.

The foregoing paragraphs 1(B)(i) and (ii) of this Article Tenth may not be amended so as to alter the stockholder vote required by either such paragraph or to adopt any provisions inconsistent with these provisions, except by an amendment that is itself approved by the affirmative vote of the holders of at least the percentage of all shares of all classes of stock of the Corporation as is required to amend the provision or provisions of this Certificate of Incorporation to which such amendment relates.

2. **By-laws.** The Board of Directors is expressly authorized to adopt, alter, amend and repeal the By-laws of the Corporation, in any manner not inconsistent with the laws of the State of Delaware or of the Certificate of Incorporation of the Corporation, subject to the power of the holders of capital stock of the Corporation to adopt, alter or repeal the By-laws made by the Board of Directors; *provided*, that any such adoption, amendment or repeal by stockholders shall require the affirmative vote of the holders of at least 66 2/3% of the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for this purpose as one class of stock. This paragraph 2 of Article Tenth may not be amended so as to alter the stockholder vote specified hereby, nor may any provisions inconsistent with these provisions be adopted, except by an amendment that is itself approved by the affirmative vote of the holders of at least 66 2/3% of

the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for this purpose as one class of stock.

ELEVENTH:

1. Except as set forth in paragraph 2 of this Article Eleventh, the affirmative vote or consent of the holders of 80% of the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for the purposes of this Article as one class, shall be required (a) for the adoption of any agreement for the merger or consolidation of the Corporation with or into any Other Corporation (as hereinafter defined), or (b) to authorize any sale, lease, exchange, mortgage, pledge or other disposition of all, or substantially all of the assets of the Corporation or any Subsidiary (as hereinafter defined) to any Other Corporation, or (c) to authorize the issuance or transfer by the Corporation of any Substantial Amount (as hereinafter defined) of securities of the Corporation in exchange for the securities or assets of any Other Corporation. Such affirmative vote or consent shall be in addition to the vote or consent of the holders of the stock of the Corporation otherwise required by law, the Certificate of Incorporation of the Corporation or any agreement or contract to which the Corporation is a party.

2. The provisions of paragraph 1 of this Article Eleventh shall not be applicable to any transaction described therein if such transaction is approved by resolution of the Board of Directors of the Corporation; *provided* that a majority of the members of the Board of Directors voting for the approval of such transaction were duly elected and acting members of the Board of Directors prior to the time any such Other Corporation may have become a Beneficial Owner (as hereinafter defined) of 5% or more of the shares of stock of the Corporation entitled to vote for the election of directors.

3. For the purposes of paragraph 2 of this Article, the Board of Directors shall have the power and duty to determine for the purposes of this Article Eleventh, on the basis of information known to such Board, if and when any Other Corporation is the Beneficial Owner of 5% or more of the outstanding shares of stock of the Corporation entitled to vote for the election of directors. Any such determination shall be conclusive and binding for all purposes of this Article Eleventh.

4. As used in this Article Eleventh, the following terms shall have the meanings indicated:

"Other Corporation" means any person, firm, corporation or other entity, other than a subsidiary of the Corporation.

"Subsidiary" means any corporation in which the Corporation owns, directly or indirectly, more than 50% of the voting securities.

"Substantial Amount" means any securities of the Corporation having a then fair market value of more than \$500,000.

An Other Corporation (as defined above) shall be deemed to be the "Beneficial Owner" of stock if such Other Corporation or any "affiliate" or "associate" of such Other Corporation (as those terms are defined in Rule 12b-2 promulgated under the Securities Exchange Act of 1934 (15 U.S.C. 78 aaa *et seq.*), as amended from time to time), directly or indirectly, controls the voting of such stock or has any options, warrants, conversion or other rights to acquire such stock.

5. This Article Eleventh may not be amended, revised or revoked, in whole or in part, except by the affirmative vote or consent of the holders of 80% of the shares of all classes of stock of the Corporation entitled to vote for the election of directors, considered for the purposes of this Article Eleventh as one class of stock.

TWELFTH:

1. The following definitions shall apply for the purpose of this Article Twelfth only:

A. "Announcement Date" shall mean the date of first public announcement of the proposal of a Business Combination.

B. "Business Combination" shall mean:

- (i) any merger or consolidation of the Corporation or any Subsidiary with (a) any Related Person, or (b) any other corporation (whether or not itself a Related Person) which is, or after such merger or consolidation would be, an Affiliate of a Related Person; or
- (ii) any sale, lease, exchange, mortgage, pledge, transfer or other disposition (in one transaction or a series of transactions) to or with any Related Person or any Affiliate of any Related Person of any assets of the Corporation or any Subsidiary having an aggregate Fair Market Value of \$500,000 or more; or
- (iii) the issuance or transfer by the Corporation or any Subsidiary (in one transaction or a series of transactions) of any securities of the Corporation or any Subsidiary to any Related Person or any Affiliate of any Related Person in exchange for cash, securities or other property (or a combination thereof) having an aggregate Fair Market Value of \$500,000 or more; or
- (iv) the adoption of any plan or proposal for the liquidation or dissolution of the Corporation proposed by or on behalf of any Related Person or any Affiliate of any Related Person; or

- (v) any reclassification of securities (including any reverse stock split), or recapitalization of the Corporation, or any merger or consolidation of the Corporation with any of its Subsidiaries or any other transaction (whether or not with or into or otherwise involving the Related Person) which has the effect, directly or indirectly, of increasing the proportionate share of the outstanding shares of any class of equity or convertible securities of the Corporation or any Subsidiary which is directly or indirectly owned by any Related Person or any Affiliate of any Related Person.
- C. "Consideration Received" shall mean the amount of cash and the Fair Market Value, as of the Consummation Date, of consideration other than cash received by the stockholder. In the event of any Business Combination in which the Corporation survives, the consideration other than cash shall include shares of any class of outstanding Voting Stock retained by the holders of such shares.
- D. "Consummation Date" shall mean the date upon which the Business Combination is consummated.
- E. "Continuing Director" shall mean any member of the Board of Directors of the Corporation who is unaffiliated with the Related Person and who was a member of the Board of Directors prior to the time that the Related Person became a Related Person, and any successor of a Continuing Director who is unaffiliated with the Related Person and is recommended to succeed a Continuing Director by a majority of the Continuing Directors then on the Board of Directors.
- F. "Determination Date" shall mean the date upon which a Related Person became a Related Person.
- G. "Exchange Act" shall mean the Securities Exchange Act of 1934 as in effect on May 1, 1983.
- H. "Fair Market Value" shall mean: (i) in the case of stock, the highest closing sale price during the 30-day period immediately preceding the date in question of a share of such stock on the principal United States securities exchange registered under the Exchange Act on which such stock is listed, or, if such stock is not listed on any such exchange, the highest closing bid quotation with respect to a share of such

stock during the 30-day period preceding the date in question on the National Association of Securities Dealers, Inc. Automated Quotations System or any system then in use or, if no such quotations are available, the fair market value on the date in question of a share of such stock as determined by the Board of Directors in good faith; and (ii) in the case of property other than cash or stock, the fair market value of such property on the date in question as determined by the Board of Directors in good faith.

- I. "Related Person" shall mean any individual, firm, corporation or other entity (other than the Corporation or any Subsidiary) which, together with its Affiliates and Associates (as such terms are defined in Rule 12b-2 under the Exchange Act) and with any other individual, firm, corporation or other entity (other than the Corporation or any Subsidiary) with which it or they have any agreement, arrangement or understanding with respect to acquiring, holding or disposing of Voting Stock, beneficially owns (as defined in Rule 13d-3 of the Exchange Act, except that such term shall include any Voting Stock which such person has the right to acquire, whether or not such right may be exercised within 60 days), directly or indirectly, more than twenty percent of the voting power of the outstanding Voting Stock.
- J. "Subsidiary" shall mean any corporation in which a majority of the capital stock entitled to vote generally in the election of directors is owned, directly or indirectly, by the Corporation.
- K. "Voting Stock" shall mean all of the then outstanding shares of the capital stock of the Corporation entitled to vote generally in the election of directors.

2. In addition to the affirmative vote otherwise required by law or any provision of this Certificate of Incorporation (including without limitation Article Eleventh), except as otherwise provided in paragraph 3, any Business Combination shall require the affirmative vote of the holders of 90% of all Voting Stock, voting together as a single class.

Such affirmative vote shall be required notwithstanding any other provision of this Certificate of Incorporation or any provision of law or of any agreement with any national securities exchange which might otherwise permit a lesser vote or no vote, and such affirmative vote shall be required in addition to any affirmative vote

of the holders of any particular class or series of the Voting Stock required by law or by this Certificate of Incorporation.

3. The provisions of paragraph 2 of this Article Twelfth shall not be applicable to any particular Business Combination, and such Business Combination shall require only such affirmative vote as is required by law, any other provision of this Certificate of Incorporation (including Article Eleventh), or any agreement with any national securities exchange, if, in the case of a Business Combination that does not involve any Consideration Received by the stockholders of the Corporation, solely in their respective capacities as stockholders of the Corporation, the condition specified in the following paragraph A is met, or, in the case of any other Business Combination, the conditions specified in either of the following paragraphs A and B are met:

- A. The Business Combination shall have been approved by a majority of the Continuing Directors, it being understood that this condition shall not be capable of satisfaction unless there is at least one Continuing Director.
- B. All of the following conditions shall have been met:
 - (i) The form of the Consideration Received by holders of shares of a particular class of outstanding Voting Stock shall be in cash or in the same form as the Related Person has paid for shares of such class of Voting Stock within the two-year period ending on and including the Determination Date. If, within such two-year period, the Related Person has paid for shares of any class of Voting Stock with varying forms of consideration, the form of Consideration Received per share by holders of shares of such class of Voting Stock shall be either cash or the form used to acquire the largest number of shares of such class of Voting Stock acquired by the Related Person within such two-year period.
 - (ii) The aggregate amount of Consideration Received per share by holders of each class of Voting Stock in such Business Combination shall be at least equal to the higher of the following (it being intended that the requirements of this paragraph B(ii) shall be required to be met with respect to every such class of Voting Stock outstanding, whether or not the Related Person has previously acquired any shares of that particular class of Voting Stock):
 - (a) (if applicable) the highest per share price (including any brokerage commissions, transfer taxes and soliciting dealers' fees)

paid by the Related Person for any shares of that class of Voting Stock acquired by it within the two-year period immediately prior to the Announcement Date or in the transaction in which it became a Related Person, whichever is higher; or

- (b) the Fair Market Value per share of such class of Voting Stock on the Announcement Date; or
 - (c) in the case of any class of preferred stock, the highest preferential amount per share to which the holders of shares of such class of Voting Stock are entitled in the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.
- (iii) After such Related Person has become a Related Person and prior to the consummation of such Business Combination: (a) except as approved by a majority of the Continuing Directors, there shall have been no failure to declare and pay at the regular date therefor any full quarterly dividends (whether or not cumulative) on any outstanding preferred stock; (b) there shall have been (I) no reduction in the annual rate of dividends paid on the Common Stock (except as necessary to reflect any subdivision of the Common Stock), except as approved by a majority of the Continuing Directors, and (II) an increase in such annual rate of dividends as necessary to reflect any reclassification (including any reverse stock split), recapitalization, reorganization or any similar transaction which has the effect of reducing the number of outstanding shares of the Common Stock, unless the failure so to increase such annual rate is approved by a majority of the Continuing Directors; and (c) such Related Person shall have not become the beneficial owner of any newly issued share of Voting Stock directly or indirectly from the Corporation except as part of the transaction which results in such Related Person becoming a Related Person.
- (iv) After such Related Person has become a Related Person, such Related Person shall not have received the benefit, directly or indirectly (except proportionately, solely in such Related Person's capacity as a stockholder of the Corporation), of any loans, advances, guarantees, pledges or other financial assistance or any tax credits or other tax advantages provided by the Corporation, whether in anticipation of or in connection with such Business Combination or otherwise.

- (v) A proxy or information statement describing the proposed Business Combination and complying with the requirements of the Exchange Act and the rules and regulations thereunder (or any subsequent provisions replacing such act, rules or regulations) shall be mailed to all stockholders of the Corporation at least 30 days prior to the consummation of such Business Combination (whether or not such proxy or information statement is required to be mailed pursuant to the Exchange Act or subsequent provisions). Such proxy or information statement shall contain on the front thereof, prominently displayed, any recommendation as to the advisability or inadvisability of the Business Combination which the Continuing Directors, or any of them, may have furnished in writing to the Board of Directors.

4. A majority of the total number of authorized directors (whether or not there exist any vacancies in previously authorized directorships at the time any determination is to be made by the Board of Directors) shall have the power and duty to determine, on the basis of information known to them after reasonable inquiry, all facts necessary to determine compliance with this Article Twelfth including, without limitation, (1) whether a person is a Related Person, (2) the number of shares of Voting Stock beneficially owned by any person, (3) whether the applicable conditions set forth in paragraph (2) of Section C have been met with respect to any Business Combination, and (4) whether the assets which are the subject of any Business Combination or the Consideration Received for the issuance or transfer of securities by the Corporation or any Subsidiary in any Business Combination have an aggregate Fair Market Value of \$500,000 or more.

5. Nothing contained in this Article Twelfth shall be construed to relieve any Related Person from any fiduciary obligation imposed by law.

THIRTEENTH: Any action required or permitted to be taken by the stockholders of the Corporation must be effected at an annual or special meeting of stockholders of the Corporation and may not be effected by any consent in writing by such stockholders.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In re Patent Application of CLOUTIER, Mark:

Serial No. : 09/435,647 Group Art Unit : 2683
Filed : November 9, 1999 Examiner : James D. Ewart
For : Inverted Super Regenerative Receiver
Date : September 12, 2003 Docket No. : 08881675US

The Honorable Commissioner of Patents
and Trademarks,
WASHINGTON, D.C.
UNITED STATES OF AMERICA 20231

Sir:

LETTER

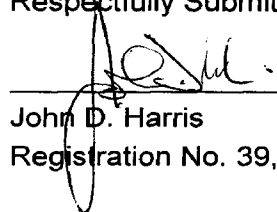
Applicants respectfully request that the attached corporate documents be recorded in the following sequence.

1. Assignment from Philsar Semiconductor, Inc. to **Washington Sub, Inc.**;
2. Merger of Washington Sub, Inc. into **Alpha Industries, Inc.**;
3. Merger of Alpha Industries, Inc into **Skyworks Solutions, Inc.** .

Skyworks Solutions, Inc. is the final owner in the change of title.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 50-1644.

Respectfully Submitted,


John D. Harris

Registration No. 39,465

JDH/cw
c/o

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