

Form **PTO-1595** (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

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

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
NIKOLAY ILKOV (11/2/2006), VASEEM  
AHMED (11/16/2006), AND VASYL DYKYY  
(11/2/2006)

Execution Date(s): in parentheses after inventor name

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

**3. Nature of Conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

SYNERGY MICROWAVE  
CORPORATION

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

201 MCLEAN BOULEVARD

City: PATERSON

State: NEW JERSEY

Country: United States of America Zip: 07504

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

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

A. Patent Application No.(s)  
11/507,868

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Orville R. Cockings  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.:

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6397

Fax Number: (908) 654-0415

Email Address: ocockings@ldlkm.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 12-1095  
Authorized User Name Orville R. Cockings

**9. Signature:**

Orville R. Cockings - 42,424  
Signature  
Name of Person Signing

November 29, 2006

Date

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

9

former PTO/SB/15 (8-00) Modified LDLKM

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

SYNERGY 3.0-027

Whereas, I, Nikolay Ilkov of  
Bodestrasse 4d; D-14513; Teltow; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in

MULTILAYER PLANAR BALUN TRANSFORMER, MIXERS AND AMPLIFIERS

☒ for which an application for a United States Letters Patent was filed on August 22, 2006

Application Number 11/507,868

☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_,  
 and

Whereas, Synergy Microwave Corporation  
 a corporation of New Jersey herein referred to as "assignee" whose mailing address is  
201 McLean Boulevard; Paterson, New Jersey 07504

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 60/710,570, filed August 23, 2005, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 60/710,570 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

2.11.2006

(Date)

[Signature]

(Signature)

State of \_\_\_\_\_ ) SS:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_ before me personally came the above-named Nikolay Ilkov, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
 (Notary Public)

☒ \*Total of 3 forms are submitted.

**PATENT**

**REEL: 018582 FRAME: 0557**

Urkundenrolle-Nr. F 101 / 2006


Die vorstehende, heute vor mir vollzogene Unterschrift beglaubige ich als die eigenhändige des

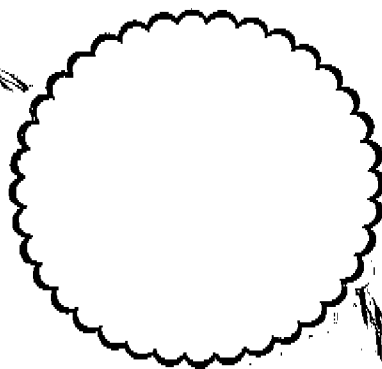
Herrn **Nikolay I l k o v**, geboren am 19.06.1974,  
wohnhaft Bodestraße 4 d, 14513 Teltow

- persönlich bekannt -.

Ich habe das Mitwirkungsverbot nach § 3 Abs. 1 Nr. 7 BeurkG erläutert. Meine Frage, ob eine Vorbefassung im Sinne dieser Vorschrift vorliege, wurde verneint.

Berlin, den 2. November 2006

  
Fritsch  
Notar

**Kostenberechnung**

(gem. §§ 141, 154 KostO)

Geschäftswert gem. §§ 28, 30 II, § 44 IIa: € 3.000,00

¼ Gebühr gem. §§ 32, 45 I KostO

10,00 Euro

(Unterschriftsbeglaubigung)

Dokumentenpauschale gem. §§ 136, 152 KostO

2,00 Euro

(4 Seiten à 0,50 €)

Entgelte für Post- u. Telefondienstleistungen

1,45 Euro

gem. §§ 137, 152 KostO

13,45 Euro

2,15 Euro

16 % Mwst.

15,60 Euro

  
Notar

9101a E-F

Apostille  
(Convention de La Haye du 5 octobre 1961)

1. Land: Bundesrepublik Deutschland

Diese öffentliche Urkunde

2. ist unterschrieben von Thomas A. Fritsch

3. in seiner Eigenschaft als Notar

4. sie ist versehen mit dem Siegel

des/der Notars

Bestätigt

5. in Berlin 6. am 08.11.2006

7. durch den Präsidenten des Landgerichts in Berlin

8. unter Nr. 9101a E-F 6251/06

9. Siegel/  
Stempel

10. Unterschrift  
im Auftrage

*Hollendorf*  
Hollendorf

(Vorsitzender Richter am Landgericht)

former PTO/SB/15 (8-00) Modified LDLK&amp;M

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

SYNERGY 3.0-027

Whereas, I, Vaseem Ahmed of  
225 Pasadena Avenue; Hasbrouck Heights, New Jersey 07604

hereafter referred to as assignor, have with others invented certain new and useful improvements in

MULTILAYER PLANAR BALUN TRANSFORMER, MIXERS AND AMPLIFIERS

☒ for which an application for a United States Letters Patent was filed on August 22, 2006

Application Number 11/507,868

☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
 and \_\_\_\_\_

Whereas, Synergy Microwave Corporation

a corporation of New Jersey herein referred to as "assignee" whose mailing address is

201 McLean Boulevard; Paterson, New Jersey 07504

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 60/710,570, filed August 23, 2005, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 60/710,570 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 16, 2006  
 (Date)

Vaseem Ahmed  
 (Signature)

State of New Jersey ) SS:  
 County of Bergen )

On this 16 day of November 2006 before me personally came the above-named Vaseem Ahmed, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Virginia Bohr  
 (Notary Public)

**NOTARY PUBLIC OF NEW JERSEY**

My Commission Expires Sept. 10, 2006

2011

**PATENT**  
**REEL: 018582 FRAME: 0560**

former PTO/SB/15 (8-00) Modified LDLK&amp;M

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

SYNERGY 3.0-027

Whereas, I, Vasyl Dykyy of  
Bodestrasse 4d; D-14513; Teltow; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in

MULTILAYER PLANAR BALUN TRANSFORMER, MIXERS AND AMPLIFIERS

☒ for which an application for a United States Letters Patent was filed on August 22, 2006

Application Number 11/507,868

☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
 and

Whereas, Synergy Microwave Corporation  
 a corporation of New Jersey herein referred to as "assignee" whose mailing address is  
201 McLean Boulevard; Paterson, New Jersey 07504

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 60/710,570, filed August 23, 2005, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 60/710,570 pursuant to any law or treaty in the countries of the world.

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2.11.2006

(Date)

[Signature]

(Signature)

State of \_\_\_\_\_ ) SS:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Vasyl Dykyy, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
 (Notary Public)

☒ \*Total of 3 forms are submitted.

Urkundenrolle-Nr. F 102 / 2006

Die vorstehende, heute vor mir vollzogene Unterschrift beglaubige ich als die eigenhändige des

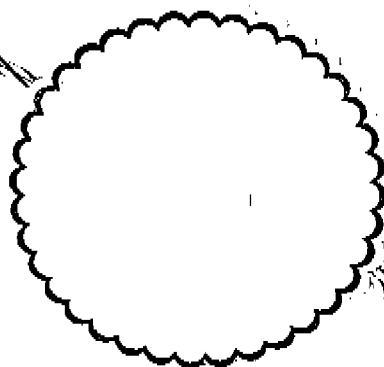
Herrn **Vasyi D y k y y**, geboren am 26.01.1974,  
wohnhaft Bodestraße 4 d, 14513 Teltow

- persönlich bekannt -.

Ich habe das Mitwirkungsverbot nach § 3 Abs. 1 Nr. 7 BeurkG erläutert. Meine Frage, ob eine Vorbefassung im Sinne dieser Vorschrift vorliege, wurde verneint.

Berlin, den 2. November 2006

  
Fritsch  
Notar

**Kostenberechnung**

(gem. §§ 141, 154 KostO)

Geschäftswert gem. §§ 28, 30 II, § 44 IIa: € 3.000,00

1/2 Gebühr gem. §§ 32, 45 I KostO

10,00 Euro

(Unterschriftsbeglaubigung)

Dokumentenpauschale gem. §§ 136, 152 KostO

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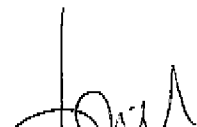
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13,45 Euro

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Notar

9101a E-F

Apostille  
(Convention de La Haye du 5 octobre 1961)

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Bestätigt

5. in Berlin 6. am 08.11.2006

7. durch den Präsidenten des Landgerichts in Berlin

8. unter Nr. 9101a E-F 6252/06

9. Siegel/  
Stempel

10. Unterschrift  
im Auftrage

*Hölldorf*

Hölldorf

(Vorsitzender Richter am Landgericht)