

FORM PTO-1585

06-21-2004

SHEET

U.S. DEPARTMENT OF COMMERCE



102771926

10/479447  
 10 Pat'v PCT/10 24 MAY 2004

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

## 1. Name of conveying party:

Sergej Vasilievich Belyaev  
 Maria Leonardovna Kukushkina  
 Olga Akhmatovna Tambieva  
 Elena Yurievna Shishkina  
 Nataliya Nikolaevna Masanova  
 Nikolai Vladimirovich Malimonenko  
 Georgy Nikolaevich Vorozhtsov

5-24-04

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

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

Name: Ir Gvon Khan

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

Street Address: 141700 Moskovskaya obl., Dolgoprudny,  
pr-t Patsaeva, d.14, kv.26 Russia

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other: \_\_\_\_\_Execution date: November 18, 2003

## 4. Application numbers or patent numbers:

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

A. Patent Applications - Serial No. 10/479,447

B. Patent No.(s)

10479447

Additional Numbers attached? ☐ Yes ☒ No

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

Name: David J. Zibelli, Esq.Internal Address: KENYON & KENYONStreet Address: 1500 K Street, N.W. - Suite 700City: Washington, D.C. ZIP: 20005-12576. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41) ..... \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

11-0600

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.*David J. Zibelli, Reg. No. 36,394

Name of Person Signing

David J. Zibelli  
 Signature

May 24, 2004

Date

Total Number of pages including cover sheet, attachments and document: 15

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

**Commissioner for Patents****Mail Stop Assignment Recordation Services****P.O. Box 1450****Alexandria, Virginia 22313-1450**

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0605-0011), Washington, D.C. 20503

## **ASSIGNMENT**

WHEREAS, **BELYAEV, Sergej Vasilievich**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv. 77**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

(    ) is being filed herewith, or  
( X ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

*Sergej*  
*Сергей Васильевич*

BELYAEV, Sergej Vasilievich

WITNESSED BY:

*Раиса Хаса Вениаминовна*

RAICISS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address

## ASSIGNMENT

WHEREAS, **TAMBIEVA, Olga Akhmatovna**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, ul. Dirizhabelnaya, d. 17, kv. 31**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

(    ) is being filed herewith, or  
( X ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

Тамбиева Ольга Ахматовна TAMBIEVA, Olga Akhmatovna

WITNESSED BY:

Раїсес Хася Веніаміновна RAICCESS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address

## ASSIGNMENT

WHEREAS, **SHISHKINA, Elena Yurievna**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 127412, Moskow, ul. Angarskaya, d. 57, korp. 2, kv. 94**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

( ) is being filed herewith, or

( X ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

Шижкина Елена Юрьевна SHISHKINA, Elena Yurievna

WITNESSED BY:

Раїсес Хаса Венсаміновна RAICISS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address

## ASSIGNMENT

WHEREAS, **MASANOVA, Nataliya Nikolaevna**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 129164 Moscow, pr-t Mira, d.118a, kv. 174**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

( ) is being filed herewith, or

( X ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.



5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

Масанова Наталья Николаевна MASANOVA, Nataliya Nikolaevna

WITNESSED BY:

Раицес Хасс Вениаминовна RAICCESS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address

## ASSIGNMENT

WHEREAS, **MALIMONENKO, Nikolai Vladimirovich**, being a citizen of the **Russian Federation**, residing at the **Russian Federation, 141730 Moskovskaya obl., Lobnya, ul. Lenina, d. 6/3, kv. 18**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

(    ) is being filed herewith, or

( **X** ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of the **Russian Federation**, residing at the **Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

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5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

*Малимоненко*

*Николай Владимирович*

MALIMONENKO, Nikolai Vladimirovich

WITNESSED BY:

*Райцес Хассе Вениаминовна*

RAICCESS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address

## ASSIGNMENT

WHEREAS, **KUKUSHKINA, Maria Leonardovna**, being a citizen of **the Russian Federation**, residing at the **Russian Federation, 115682, Moscow, ul. Shipilovskaya, d. 64, kv. 326**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

( ) is being filed herewith, or

( X ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

Кукущкина Мария Леонардовна KUKUSHKINA, Maria Leonardovna

WITNESSED BY:

Райцес Хаса Вениаминовна RAICCESS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address

## ASSIGNMENT

WHEREAS, **VOROZHTSOV, Georgy Nikolaevich**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 107078 Moscow, ul. Sadovaya-Spasskaya, d.21, kv. 268**; has made new and useful improvements in **OPTICAL DEVICE** for which an application for Letters Patent

( ) is being filed herewith, or  
( X ) was filed on **3 June, 2002** as PCT International Application Number **PCT/RU02/00270** and

WHEREAS, **KHAN, Ir Gvon**, being a citizen of **the Russian Federation**, residing at **the Russian Federation, 141700 Moskovskaya obl., Dolgoprudny, pr-t Patsaeva, d.14, kv.26** and who, together with their successors and assigns, are hereinafter called "Assignee", are desirous of acquiring the title, rights, benefit, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

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IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18 day of November, 2003.

Ворозцов Георгий Николаевич VOROZHTSOV, Georgy Nikolaevich

WITNESSED BY:

Раицес Хасса Вениаминовна RAICCESS, Khassya Veniaminovna

127055, Moscow, Priyutsky per., 3, kv,86

Address