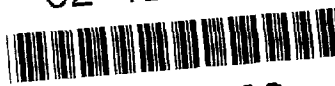


Practitioner's Docket No. U 013579-0

02-12-2002



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Box Assignments  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231**

2-5-02

*NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(b)." 37 C.F.R. § 3.27.*

**ASSIGNMENT (DOCUMENT) COVER SHEET (37 C.F.R. § 3.31)**

*NOTE: "A cover sheet may not refer to both patents and trademarks." 37 C.F.R. § 3.31(b).*

Attached please find an assignment (document) for recordal.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10\*

with sufficient postage as first class mail.

as "Express Mail Post Office to Addressee"  
Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

transmitted by facsimile to the Patent and Trademark Office.

Signature

CLIFFORD J. MASS

(type or print name of person certifying)

Date: December 20, 2001

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).  
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

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(Assignment (Document) Cover Sheet—page 1 of 6) 16-6

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL**  
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

NOTE: See 37 C.F.R. §3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application or issued patent:

NOTE: Do NOT enter both application AND patent number.

National application: SN: 09/922,220 filed on August 3, 2001  
Provisional application: \_\_\_\_\_ filed on \_\_\_\_\_  
International application: PCT  
Patent No: \_\_\_\_\_ Issued: \_\_\_\_\_  
(complete if applicable) which was previously assigned and recorded

Date \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

NOTE: If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended. 37 C.F.R. § 3.21.

(also complete the following, if applicable)

[ ] and also for the applications and/or patents  
shown on the attached list of FURTHER  
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet." Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE**

NOTE: All requests to record documents must be accompanied by the appropriate fee; a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). 37 C.F.R. §3.41.

2. A. The total number of applications and/or patents identified in this cover sheet is 1

B. The total fee is (37 C.F.R. § 1.21(h)):

1 x \$40.00 = \$ 40.00  
Total number of applications  
and/or patents

C. Payment of fee is made by:

the attached check for \$ 40.00.

Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 for any fee deficiency or credit to account any overpayment.

**NAME OF PARTY(IES) CONVEYING INTEREST**

(37 C.F.R. § 3.31(a)(1))

*NOTE* "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65); M.P.E.P. § 302.07, 6th ed.

3. The party(ies) conveying interest is (are):

Name 1: Israel RUBINSTEIN

Name 2: Alexander VASKEVICH

Name 3: Gregory KALYUZHNY

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**

(37 C.F.R. § 3.31 (a)(2))

4. The rights are being conveyed to:

Name: Yeda Research & Development Co., Ltd.

Address: The Weizmann Institute of Science

P.O. Box 95, Rehovot 76100, Israel

**DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 C.F.R. § 3.31 (a)(3))**

5. The accompanying document intends to accomplish:

an assignment.

a security agreement.

a merger.

a license.

a change of name.

a change of address.

other:

**NAME AND ADDRESS OF PARTY TO WHOM**

(Assignment (Document) Cover Sheet—page 3 of 6) 16-6

6. Please address correspondence to:

Name: Julian H. Cohen  
Address: c/o Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, New York 10023  
Telephone No.: (212) 708- 1887

**DATE ASSIGNMENT (DOCUMENT) EXECUTED**  
(37 C.F.R. § 3.31(a)(7))

7. A.  The attached assignment (document) was executed on \_\_\_\_\_.  
Date

**OR** *If there is more than one conveying party who executed on different dates, indicate the date of execution of the assignment document for each conveying party.*

B.  The attached assignment was executed by Israel Rubinstein  
Name  
on November 13, 2001 .  
Date

The attached assignment was executed by Alexander Vaskevich  
Name  
on November 19, 2001 .  
Date

The attached assignment was executed by Gregory Kalyuzhny  
Name  
on December 3, 2001 .  
Date

The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_ .  
Date

The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_ .  
Date

**LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED**

*NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation," 37 C.F.R. § 3.26.*

8. The attached document:

is in the English language.

is not in the English language and an English translation signed by the individual making the translation is attached.

**ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED**

*NOTE: See 37 C.F.R. § 3.24.*

9. Submitted herewith is:

the original document.

a true copy of the original document, which I certify to be a true copy.

*NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.*

*NOTE: "Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an oath or declaration form." M.P.E.P., 6th ed., § 302.01.*

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS**

*(check item, if applicable)*

10.  Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

*NOTE: "Attach Change of Address 16-6."*

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME**

*(check item, if applicable)*

11.  Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

*NOTE: "Attach Change of Name."*

**CHANGE OF PATENT MAINTENANCE FEE ADDRESS**

*(check item, if applicable)*

12. [ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

**STATEMENT (37 C.F.R. § 3.31(a)(9)) AND  
SIGNATURE (37 C.F.R. § 3.31(a)(10))**

13. 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.

*NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65; M.P.E.P. § 302.07 6th ed.*

Date: December 20, 2001

\_\_\_\_\_  
Name of party submitting document

\_\_\_\_\_  
Signature of party submitting document

*(complete the following, if the party submitting the document is applicant's attorney)*

\_\_\_\_\_  
SIGNATURE OF PRACTITIONER

JULIAN H. COHEN

*(type or print name of practitioner)*

\_\_\_\_\_  
P.O. Address

c/o Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, N.Y. 10023

Reg. No.: 20,302

Tel. No.: (212) 708-1887

Customer No.: 00140

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

8  
Total number of pages submitted

UNITED STATES

## ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNORS, have made a certain new and useful invention in:

**METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING A CHEMICAL SUBSTANCE EMPLOYING AN OPTICAL TRANSMISSION PROPERTY OF METALLIC ISLANDS ON A TRANSPARENT SUBSTRATE**

for which a patent application was filed on August 3, 2001 under serial number 09/922,220

and WHEREAS, **YEDA RESEARCH & DEVELOPMENT CO. LTD.** an Israel company having a place of business at **The Weizmann Institute of Science, P.O. Box 95, Rehovot 76100, Israel**, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the said United States application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to the issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and have not executed, and will not execute, any agreement in conflict herewith.

PATENT  
REEL: 012565 FRAME: 0201

AND ASSIGNORS further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full Name of first inventor: Israel RUBINSTEIN

Inventor's signature *I. Rubinstein* Date 13. Nov. 2001

Residence: Rehovot, Israel

Citizenship: Israel

Post Office address: The Weizmann Institute of Science, Rehovot, Israel

Full name of second joint inventor: Alexander VASKEVICH

Inventor's signature *A. Vaskevich* Date 19. Nov. 2001

Residence: Rehovot, Israel

Citizenship: Israel

Post Office address: 203/11 Herzl Street, Rehovot 76470, Israel

Full name of third joint inventor: Gregory KALYUZHNY

Inventor's signature *G. Kalyuzhny* Date 3 Dec 2001

Residence: Rehovot, Israel

Citizenship: Israel

Post Office address: 36/4 Gluskin Street, Rehovot 76470, Israel