

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

01-13-1999



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09/142733

U.S. Department of Commerce  
Patent and Trademark Office

PATENT

405 Rec'd PCT/PTO 15 SEP 1998

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MRD 9.15.98

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Document ID#

☐ Correction of PTO Error  
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☐ License ☐ Change of Name

☐ Merger ☐ Other

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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1)	Execution Date Month Day Year
BONHOTE, Pierre	6 3 96
Name (line 2)	

Second Party

Name (line 1)	Execution Date Month Day Year
WALDER, Lorenz	4 4 96
Name (line 2)	

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)	Name (line 2)	Address (line 1)	Address (line 2)	Address (line 3)	City	State/Country	Zip Code
Ecole Polytechnique Federale de Lausanne		DPR-Ecublens		CH-1015 Lausanne		Switzerland	

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

40E

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name	CLIFFORD W. BROWNING
Address (line 1)	Woodard, Emhardt, Naughton, Moriarty & McNett
Address (line 2)	Bank One Center/Tower
Address (line 3)	111 Monument Circle, Ste 3700
Address (line 4)	Indianapolis, Indiana 46204 5137

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PATENT

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RECORDATION FORM COVER SHEET  
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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) GRATZEL, Michael

Execution Date  
Month Day Year

6 3 96

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



Correspondent Name and Address

Area Code and Telephone Number (317) 634-3456

Name CLIFFORD W. BROWNING

Address (line 1) Woodard, Emhardt, Naughton, Moriarty & McNett

Address (line 2) 111 Monument Circle, Suite 3700

Address (line 3) Bank One Center/Tower

Address (line 4) Indianapolis, Indiana 46204-5137

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 6

Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09-142733						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT CH97/00104

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 23-3030

Authorization to charge additional fees:

Yes: ☒

No ☐

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. Charges to deposit account are authorized, as indicated herein.

CLIFFORD W. BROWNING

Name of Person Signing

Signature

Date

Sept. 15, 1998

## ASSIGNMENT (PATENT)

WHEREAS, Pierre Bonhôte, Porte Rouge 19, CH-2000 Neuchâtel, Switzerland, hereinafter referred to as Assignor, has made a new and useful invention in

### DISPOSITIF ELECTROCHROME OU PHOTOELECTROCHROME

which is found in Swiss Patent Application No. 00176/96 filed on March 15, 1996 and for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Ecole Polytechnique Fédérale de Lausanne, with address at DPR - Ecublens, CH-1015 Lausanne, Switzerland, hereinafter referred to as Assignee, desires to acquire 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained thereof and thereon;

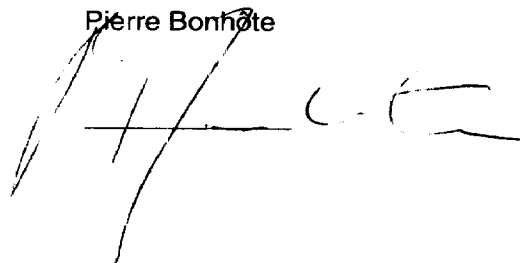
NOW, THEREFORE, to all and whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137, to insert here in parentheses (Serial No. \_\_\_\_\_, Filed \_\_\_\_\_ 19 \_\_) the date and serial number of said application for Letters Patent of the United States when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary and desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

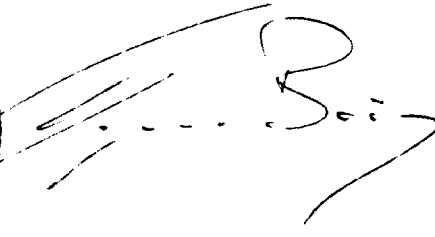
WITNESS Assignor's hands this 3 day of Juny \_\_\_\_, 1996.

Pierre Bonhôte



Légalisation numéro 631.-

Le soussigné Claude Paquier, notaire à Chavannes-près-Renens, pour le district de Morges, atteste la vérité de la signature apposée ci-dessus par M. Pierre Bonhôte.-----  
Chavannes-près-Renens, le trois juin mil neuf cent nonante-six.-----



## ASSIGNMENT (PATENT)

WHEREAS, Lorenz Walder, Libellenweg 9, D-49078 Osnabrück, Germany, hereinafter referred to as Assignor, has made a new and useful invention in

### DISPOSITIF ELECTROCHROME OU PHOTOELECTROCHROME

which is found in Swiss Patent Application No. 00176/96 filed on March 15, 1996 and for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Ecole Polytechnique Fédérale de Lausanne, with address at DPR - Ecublens, CH-1015 Lausanne, Switzerland, hereinafter referred to as Assignee, desires to acquire 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained thereof and thereon;

NOW, THEREFORE, to all and whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137, to insert here in parentheses (Serial No. \_\_\_\_\_, Filed \_\_\_\_\_ 19 \_\_) the date and serial number of said application for Letters Patent of the United States when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary and desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hands this 4 day of April, 1996.

Lorenz Walder




### LEGALISATION

Je soussigné, Luc Meylan, notaire à Neuchâtel, atteste que la signature apposée ci-dessus, est bien celle de Monsieur Lorenz Walder, originaire de Eglisau (ZH), né le 27 novembre 1949.

Neuchâtel, le quatre avril mil neuf cent nonante-six (4.4.1996)

Acte en brevet  
R.G. Vol. 55 No 47



## ASSIGNMENT (PATENT)

WHEREAS, Michael Grätzel, Chemin du Marquisat 7a, CH-1025 St-Sulpice, Switzerland, hereinafter referred to as Assignor, has made a new and useful invention in

### DISPOSITIF ELECTROCHROME OU PHOTOELECTROCHROME

which is found in Swiss Patent Application No. 00176/96 filed on March 15, 1996 and for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Ecole Polytechnique Fédérale de Lausanne, with address at DPR - Ecublens, CH-1015 Lausanne, Switzerland, hereinafter referred to as Assignee, desires to acquire 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained thereof and thereon;

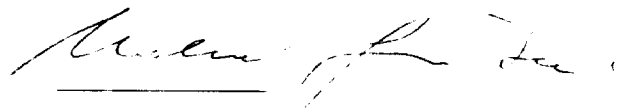
NOW, THEREFORE, to all and whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1 00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

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Assignor agrees to sign and execute any and all other papers necessary and desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hands this 3 day of Juny, 1996.

Michael Grätzel



Légalisation numéro 630.-

Le soussigné Claude Paquier, notaire à Chavannes-près-Renens, pour le district de Morges, atteste la vérité de la signature apposée ci-dessus par M. Michael Grätzel.-----

Chavannes-près-Renens, le trois juin mil neuf cent nonante-six.-----

