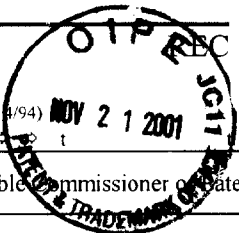




FORM PTO-1595 (Rev. 6-93)

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101902904

Attorney Docket Nos. 5994

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

1. Name of conveying party(ies): Tobin J. Marks and Antonio Facchetti

11-2101

2. Name and address of receiving party(ies) Name: Northwestern University

Internal Address: 633 Clark Street Evanston, IL 60208

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

Street Address: 633 Clark Street

City: Evanston State: IL ZIP: 60208

Execution Date: Marks 10/17/01, Facchetti 10/26/01

Additional name(s) & address(es) attached? [ ] Yes [X] 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): 09/915,206

B. Patent No.(s)

Additional Numbers attached? [ ] Yes [X] No

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

Name: Rodney D. DeKruif, Esq. Reinhart, Boerner, Van Deuren, Norris & Rieselbach, s.c. Internal Address: Suite 2100

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00 [X] Enclosed [ ] Authorized to be charged to deposit account [X] Any deficiencies in enclosed fee should be charged to Deposit Account.

Street Address: 1000 North Water Street City: Milwaukee State: WI ZIP: 53202-3186

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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.

Rodney D. DeKruif Name of Person Signing

Signature

November 19, 2001 Date

Total number of pages including cover sheet, attachments, and document: [5]

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

Attorney Docket No. 5994

For:  U.S. and/or  Foreign Rights

For:  U.S. Application or  U.S. Patent

By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or

person(s) or entity(ies)  
who own the invention)

Tobin J. Marks

(Type or print name(s) of ASSIGNOR(S))

2300 Central Park Avenue

Evanston, IL 60201

(Address)

United States

(Nationality)

(inventor(s) or

person(s) or entity(ies)  
who own the invention)

Antonio Facchetti

(Type or print name(s) of ASSIGNOR(S))

7701 N. Sheridan Road, #GARN

Chicago, IL 60626

(Address)

United States

(Nationality)

(inventor(s) or

person(s) or entity(ies)  
who own the invention)

\_\_\_\_\_  
(Type or print name(s) of ASSIGNOR(S))

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Nationality)

*(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)*

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hereby sells, assigns and transfers to

ASSIGNEE:

\_\_\_\_\_ Northwestern University \_\_\_\_\_  
 (Type or print name of ASSIGNEE)  
 \_\_\_\_\_ 633 Clark Street \_\_\_\_\_  
 (Address)  
 \_\_\_\_\_ Evanston, IL 60208 \_\_\_\_\_  
 \_\_\_\_\_ United States \_\_\_\_\_  
 (Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE  
*(complete one of the following)*

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

*(check the following box if foreign rights are also to be assigned)*

and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

n-TYPE THIOPHENE SEMICONDUCTORS

*(check and complete (a), (b), (c) or (d))*

and which is found in

- (a)  U.S. patent application executed on even date herewith
- (b)  U.S. patent application executed on \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an  
 ASSIGNOR signing below, hereby authorize and request my attorney, as  
 named in the Declaration and Power of Attorney I executed for this  
 invention on the execution date stated above, to insert below the  
 filing date and application number when it becomes known.
- (c)  U.S. application serial no. 09/915,206 on July 24, 2001.
- (d)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

*(also check (e) if foreign application(s) is also being assigned)*

(e)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

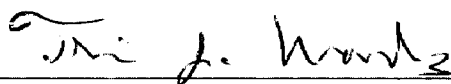
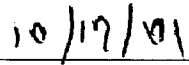
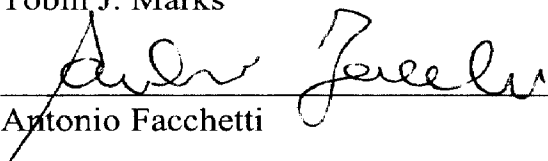
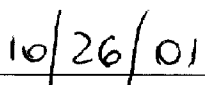
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

*WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.*

Signature of ASSIGNOR(S)

	
Tobin J. Marks	(Date)
	
Antonio Facchetti	(Date)

*NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.*

Notarization or Legalization Page Added.

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

Country US  
and place of signing of assignment Northwestern University  
2145 Sheridan Rd  
Evanston, IL 60201

Before me this 22 day of Oct, 2001 personally appeared Tobin J. Marks, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Joann G. Mete  
Notary Public



My commission expires \_\_\_\_\_  
County of \_\_\_\_\_  
State of \_\_\_\_\_

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

Country \_\_\_\_\_  
and place of signing of assignment \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Before me this 26 day of ottobre, 2001 personally appeared Antonio Facchetti, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Lucio Fasano  
Notary Public

COMUNE DI AGNADELLO  
PROVINCIA DI CREMONA  
A' sensi dell'articolo 20 della Legge 4 gennaio 1968, n. 15  
si dichiara autentica la firma del Sig. Antonio Facchetti  
apposta in mia presenza, la cui identità è stata da me  
accertata mediante comunicazione diretta  
ed è valida solo se presentata agli organi della P.A.  
Il Segretario Comunale o  
Il Funzionario Imparziale  
26 OTT. 2001  
Lucio Fasano

My commission expires \_\_\_\_\_  
County of \_\_\_\_\_  
State of \_\_\_\_\_