## PATENT ASSIGNMENT

### SUBMISSION TYPE:
NEW ASSIGNMENT

### NATURE OF CONVEYANCE:
ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>Marc Jan Rene LEBLANS</td>
<td>10/19/2001</td>
</tr>
<tr>
<td>Emmanuel Marie Paul Ernest GUSTIN</td>
<td>10/22/2001</td>
</tr>
<tr>
<td>Christiaan Hubert Simon ROELANT</td>
<td>10/22/2001</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name:** TIBOTEC N.V.
- **Street Address:** Generaal De Wittelaan L11B3
- **City:** Mechelen
- **State/Country:** BELGIUM
- **Postal Code:** B-2800

### PROPERTY NUMBERS Total: 1

<table>
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<tr>
<th>Property Type</th>
<th>Number</th>
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<tr>
<td>Application Number</td>
<td>12888187</td>
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### CORRESPONDENCE DATA

- **Fax Number:** (617)428-7045
- **Phone:** 6174280200
- **Email:** patentadministrator@clarkelbing.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

- **Correspondent Name:** James D. DeCamp
- **Address Line 1:** Clark & Elbing, LLP
- **Address Line 2:** 101 Federal Street
- **Address Line 4:** Boston, MASSACHUSETTS 02110

### ATTORNEY DOCKET NUMBER:
50542/002002

### NAME OF SUBMITTER:
James D. DeCamp

Total Attachments: 3
- source=50542.002002 Assignment 1 Leblans et al. to Tibotec#page1.tif
- source=50542.002002 Assignment 1 Leblans et al. to Tibotec#page2.tif
- source=50542.002002 Assignment 1 Leblans et al. to Tibotec#page3.tif
ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

METHOD AND DEVICE FOR THE MANIPULATION OF MICROCARRIERS FOR AN IDENTIFICATION PURPOSE

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____________, 20__ (Serial No. 10/394,921); and

WHEREAS, TIBOTEC N.V., a corporation of the Belgium whose post office address is Generaal De Wittelaan L11B3, B-2800 Mechelen, Belgium (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar ($1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Country of _____________ ss. Marc Jan René LEBLANS
State of Belgium Scheihagenstraat 38, B-2550 Kontich, Belgium

[Signature] [Signature] 19 OCTOBER 2001

Date

Subscribed and sworn to before me this 5th day of November, 2001

PATENT
REEL: 027279 FRAME: 0698
Emmanuel Marie Paul Ernest GUSTIN
Regtenboom 13, B-2350 Vosselaar, Belgium

Signature
22 October 2001
Date

Subscribed and sworn to before me this 5th day of November, 2001

Country of (Belgium)
State of (Belgium)

Christiaan Hubert Simon ROELANT
's Hertogenlaan 115, B-3000 Leuven, Belgium

Signature
Date

Subscribed and sworn to before me this 5th day of November, 2001

Country of (Belgium)
State of (Belgium)
On this 5 day of November 2001 personally appeared before me Aloïs Van den Bossche, notary public at Vorselaar, province of Antwerp, Belgium,

- Mr. Marc Jan René LEBLANS, Scheihagenstraat, 38, 2550 Kontich (Belgium)
- Mr. Emmanuel Marie Paul Ernest GUSTIN, Regtenboom, 13, 2350 Vosselaar (Belgium)
- Mr. Christiaan Hubert Simon ROELANT, ’s Hertogenlaan, 115, 3000 Leuven (Belgium)

to me known and known to me to be the persons described in and who executed the foregoing document, and they duly acknowledged to me that they executed the same for the uses and purposes therein expressed.

the notary public

Aloïs Van den Bossche
Markt 2
2290 Vorselaar