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To the Honorable Commissioner of Patents and

101490748

original documents or copy thereof.

1. Name of conveying party(ies):

Arnold H. Beckett  
James E. Swon  
Henry Z. Hofer

9-29-00

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

Name: VanKel Technology Group

Internal Address:

Street Address: 13000 Weston Parkway

City: Cary State: NC ZIP: 27513

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: August 22, 2000

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)

B. Patent No.(s)

5,700,087

Additional numbers attached?  Yes  No

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

Name: David P. Gloekler

Internal Address: JENKINS & WILSON, P.A.

Street Address: Suite 1400, University Tower

3100 Tower Boulevard

City: Durham State: NC ZIP: 27707

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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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 P. Gloekler  
Name of Person Signing

David P. Gloekler  
Signature

9/29/00  
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

## ASSIGNMENT

WHEREAS, we, Arnold H. Beckett, residing in Upper Norwood, London, England, James E. Swon, residing at 39506 GlennGlade, Chapel Hill, North Carolina 27514, and Henry Z. Hofer, residing at 8208 Fountain Park Drive, Raleigh, North Carolina 27613, (hereinafter "ASSIGNORS") are the owners of the entire right, title and interest in and to United States Letters Patent No. 5,700,087, entitled DEVICE MAXIMIZING DISPERSION OF AGGREGATE IN LIQUID DILUENT, issued on December 23, 1997 from United States Patent Application Serial No. 540,022.

AND WHEREAS, VANKEL TECHNOLOGY GROUP, a corporation duly organized and existing under the laws of the State of North Carolina, having its principal office and place of business at 13000 Weston Parkway, Cary, North Carolina, 27513 (hereinafter "ASSIGNEE") is desirous of obtaining from the ASSIGNORS the entire right, title and interest in, to and under said United States Letters Patent.

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over to ASSIGNEE, its successors and assigns, all of ASSIGNORS' entire right, title and interest in and to said United States Letters Patent and the invention disclosed and claimed therein, and in and to any and all other United States Letters Patents having issued from, or to be issued from, any and all continuations, continuations-in-part, divisions, reissues or reexaminations of said United States Letters Patent, and in and to any and all foreign patents claiming priority to said United States Letters Patent or to which said United States Letters Patent claims priority in accordance with the International Convention or any other agreement, treaty or practice to which the United States of America adheres.

ASSIGNORS further covenant and agree that, at the time of the execution and delivery of these presents, ASSIGNORS possess full title to said United States Letters Patent and the invention claimed therein, and that ASSIGNORS have the unencumbered right and authority to make this assignment.

AND ASSIGNORS further covenant and agree, and likewise bind their respective heirs, legal representatives and assigns, to promptly communicate to said ASSIGNEE or its representatives any facts known to ASSIGNORS relating to said United States Letters Patent and invention, to testify in any interference or legal proceedings involving said invention, to execute all papers which may be requested to confirm the right of the ASSIGNEE, its representatives, successors and assigns to said United States Letters Patent and to vest in the ASSIGNEE complete title to said United States Letters Patent and invention, without further compensation, but at the expense of said ASSIGNEE, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below indicated.

Arnold H. Beckett 17-8-00  
Arnold H. Beckett Date

State of South Carolina  
County of Beaufort

Subscribed and sworn to before me personally this the 17 day of August  
2000.

[Signature]  
Signature of Notary

[SEAL]

My commission expires: July 2002

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below indicated.

James E. Swon      8/22/03  
James E. Swon      Date

State of NC  
County of Wake

Subscribed and sworn to before me personally this the 22 day of August 2000.

SHELLEY FENN  
State of North Carolina  
Qualified in Wake County  
Commission Expires 4/22/03

Shelley Fenn  
Signature of Notary

[SEAL]

My commission expires: 4/22/03

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below indicated.

Henry Z. Hofer      8/22/2000  
Henry Z. Hofer      Date

State of NC  
County of Wake

Subscribed and sworn to before me personally this the 22 day of August  
2000.

SHELLEY FENN  
State of North Carolina  
Qualified in Wake County  
Commission Expires 4/22/03

Shelley Fenn  
Signature of Notary

[SEAL]

My commission expires: 4/22/03