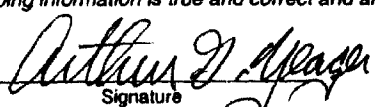


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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ▼		D-7144	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Frank S. Knoll Weng S. Kow Timo U. Niitti Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Outokumpu Oyj, a public limited company of Espoo Finland</u> Internal Address: _____ _____ Street Address: <u>Riihitontuntie 7,</u> _____ City: <u>02200 ESPOO</u> State: <u>FINLAND</u> ZIP: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>12/06/99</u>			
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) <u>09/449,381 filed 11/24/99</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Arthur G. Yeager, P.A.</u> Internal Address: <u>Suite 1305</u> _____ Street Address: <u>112 West Adams Street</u> _____ City: <u>Jacksonville</u> State: <u>FL</u> ZIP: <u>32202</u>		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed (Atty.Ck.No. 14337) <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
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. <u>Arthur G. Yeager</u> Name of Person Signing  Signature <u>June 13, 2001</u> Date Total number of pages including cover sheet, attachments, and document: <input type="text" value="2"/>			

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

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(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

PATENT REEL: 011900 FRAME: 0411

ASSIGNMENT FOR UNFILED APPLICATION FOR UNITED STATES
PATENT

D-7144

(Sole or Joint Inventors)

FULL NAME(S) AND
POST OFFICE ADDRESS(S)
OF INVENTOR(S) (including
country)

WHEREAS:

Frank S. Knoll
4401 Ortega Farms Circle
Jacksonville, FL 32210
United States of America

Timo U. Niitti
900 Ironwood Drive
Ponte Vedra, FL 32082
United States of America

Weng S. Kow
7861 Dwyer Drive
Jacksonville, FL 32244
United States of America

(hereinafter referred to as ASSIGNOR), have invented and
own a certain invention entitled:

TITLE OF
INVENTION

SPIRAL SEPARATOR WITH REPLACEABLE TROUGH SECTIONS

for which application for Letters Patent of the United States
has been executed on even date herewith.

WHEREAS:

Outokumpu Oyj, a public limited company
of ESPOO, Finland, Riihitontuntie 7,
02200 ESPOO, FINLAND

FULL NAME AND
ADDRESS (including country)
OF ASSIGNEE

(hereinafter referred to as ASSIGNEE), is desirous of acquir-
ing the entire interest in, to and under said invention and in,
to and under Letters Patent or similar legal protection to be
obtained therefor in the United States and in any and all for-
eign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:
Be it known that in consideration of the payment by AS-
SIGNEE 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 hereby sells, assigns
and transfers to ASSIGNEE the full and exclusive right, title
and interest to said invention in the United States and its terri-
torial possessions and in all foreign countries and to all Let-
ters Patent or similar legal protection in the United States and
its territorial possessions and in any and all foreign countries
to be obtained for said invention by said application or any
continuation, division, renewal, substitute or reissue thereof or
any legal equivalent thereof in a foreign country for the full
term or terms for which the same may be granted.

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

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

IN WITNESS WHEREOF, I/We have hereunto set hand
and seal this

Warning
DATE OF SIGNING:
This must be the same as the
date of signing of the decla-
ration and power of the patent
or design application.

SIGNATURE(S)
The signature(s) must
correspond with the name(s) of
the inventor(s) above.

	(Date of Signing)
(Signature) Frank S. Knoll	Date 12/6/99
(Signature) Weng S. Kow	Date 12/6/99
(Signature) Timo U. Niitti	Date 12/6/99

PATENT