

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3276478

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INCORRECT SERIAL NUMBER 10/013793 NEEDS TO BE REMOVED previously recorded on Reel 013471 Frame 969. Assignor(s) hereby confirms the 10/194954, 10/211951, 60/304927 AND 10015211.
RESUBMIT DOCUMENT ID:	503221078

CONVEYING PARTY DATA

Name	Execution Date
HALEOS, INC.	09/11/2002

RECEIVING PARTY DATA

Name:	SHIPLEY COMPANY, L.L.C.
Street Address:	455 FOREST STREET
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6865324

CORRESPONDENCE DATA

Fax Number: (989)636-3237

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 989-636-7934

Email: kswertz@dow.com

Correspondent Name: KATHY WERTZ

Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	CORRECTION -NOKIA PATENT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	03/23/2015

Total Attachments: 4

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JEANTILUS - MARLBOROUGH, LLC

03-11-2003

Form PTO-1595
(Rev. 10/02)



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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

3-10-03

1. Name of conveying party(ies):

Arden Jeantilus

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

2. Name and address of receiving party(ies)

Name: Haleos, Inc.

Internal Address: _____

Street Address: 3150 State Street

City: Blacksburg State: VA Zip: 24060

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 9/21/02

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) Attached Schedule

Additional numbers attached? Yes No

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

Name: Darryl P. Frickey, Esq.

Internal Address: Shipley Company, L.L.C.

Street Address: 455 Forest Street

City: Marlborough State: MA Zip: 01752

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 320

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

141449

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9. Signature.

Renee' Diana Sanft

Name of Person Signing

Renee Diana Sanft
Signature

3/2/03
Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENTS DIV

Schedule A

Country- United States

Title	Serial No.
1) FIBER ARRAY WITH PASSIVE ALIGNMENT	10/194,954 <i>pat. 6865324 AM 52007</i>
2) OPTICAL SUBMOUNT WITH RETAINING SPRING AND METHOD FOR FABRICATION THEREOF	10/211,951 <i>pat - abandoned in '06 AM 52002</i>
3) 2XN FIBER ARRAY WITH PASSIVE ALIGNMENT	60/304,927 <i>AM 52007 PSP - EP</i>
4) STRUCTURE FOR ALIGNING CHIPS IN STACKED ARRANGEMENT	10/013,793 <i>- not in our system</i>
5) STRUCTURE FOR ALIGNING CHIPS IN STACKED ARRANGEMENT	10/015,211 <i>- not in our system</i>

1198956.1

EXHIBIT 4

MASTER ASSIGNMENT

For valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventors (collectively hereinafter called the "Assignors") hereby jointly and severally assign and transfers to Haleos, Inc., a Virginia corporation with its principal place of business at 3150 State Street, Blacksburg, Virginia ("Haleos"), and its successors and assigns (collectively hereinafter called the "Assignee"), its entire right, title and interest in the United States and throughout the world in and to: (i) the inventions and improvements which are the subject of the Letters Patents and Patent Applications set forth on Schedule A and Addendum to Schedule A attached hereto (the "Patents"); (ii) any and all instruments of assignment and/or other instruments pursuant to which the Assignors became vested with ownership of the Patents, together with any and all rights and improvements acquired pursuant to the terms of said instruments; (iii) the instruments, patents and patent applications and any corresponding foreign patents and foreign patent applications based in whole or in part on any and all inventions claimed by the Patents; (iv) any and all divisions, continuations, reissues, extensions or other applications based on the Patents, together with the Assignor's entire rights under the Paris Convention; and (v) any and all United States and foreign patents, utility models, and design registrations granted on the Patents; the same to be held and enjoyed by the Assignee for its own use and enjoyment and that of its successors, assigns, and other legal representatives, to the end of the term or terms for which said patents (including without limitation the "Patents") are or may be granted or reissued as fully and entirely as the same would have been held and enjoyed by Assignor's if this assignment had not been made, together with all its claims for damages by reason for past or future infringement of said patents, with the right to sue for and collect the same for its own use and enjoyment, and for use and enjoyment of its successors, assigns, or other legal representatives.

IN WITNESS WHEREOF, the undersigned have executed this Assignment on the date next to their signature below.

Assignors

[Signature]
Arden Seantilus

Date: 9/21/02

Commonwealth or State of New Jersey)
COUNTY Essex) SS

On this 21 day of September, 2002, ARDEN SEANTILUS appeared before me, known to me to be the person who executed the foregoing instrument, and acknowledged that the foregoing instrument is his/her free act and deed with authority so to do.

NOTARIAL SEAL

[Signature]
Notary Public
My Commission Expires: 11/20/2007

GENERAL BRACKET
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/20/2007

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