Exhibit D
CANADA

ASSIGNMENT OF INVENTION

I/We, **David Epstein, Roger Monsell, Joseph Horwitz, Susan Lenk, Sadettin Ozturk, Christopher Marsh** whose full post office address is/are **434 East Allens Lane, Philadelphia, Pennsylvania 19119; 7307 Woodview Way, Willistown, Pennsylvania 19355; 317 Maple Avenue, Swarthmore, Pennsylvania 19081; 423 Devon Drive, Exton, Pennsylvania 19341; 1965 Black Rock Lane, Paoli, Pennsylvania 19301; 526 Canterbury Road, Audubon, Pennsylvania 19403** in consideration of One Dollar the receipt of which is hereby acknowledged, have and by these presents, do hereby sell and assign to **CENTOCOR, INC.** whose full post office address is/are **200 GREAT VALLEY PARKWAY, MALVERN, PENNSYLVANIA 19355** all my/our right, title and interest in Canada in and to my/our invention relating to **CHEMICALLY DEFINED MEDIA COMPOSITIONS** as fully described and claimed in the application for a patent for such invention and all my/our corresponding right, title and interest in and to any patent which may issue therefor.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

The undersigned hereby grant(s) to the firm of **OGILVY RENAULT LLP / S.E.N.C.R.L., s.r.l.** of Suite 1600, 1981 McGill College Avenue, Montréal, Québec, H3A 2Y3, Canada, the power to insert on this assignment any further information which may be necessary or desirable in order to comply with the Patent Rules for recordation of this document.

SIGNED at ________________________________, this ________________________________
City, Country Day Month Year

Signature of Assignor

**David Epstein**
Name of Assignor

Signature of Witness

SIGNED at ________________________________, this ________________________________
City, Country Day Month Year

Signature of Assignor

**Roger Monsell**
Name of Assignor

Signature of Witness
Case 1:17-cv-11008-MLW   Document 27-4   Filed 08/02/17   Page 3 of 7

CRD 5082 CA

SIGNED at ____________, this ______ day of ____________, 2007
City, Country Day Month Year

Signature of Assignor
Joseph Horwitz
Name of Assignor

Signature of Witness

SIGNED at MALVERN, PA, USA, this 28 day of JUNE 2007
City, Country Day Month Year

Signature of Assignor
Susan Lenk
Name of Assignor

Signature of Witness

SIGNED at ____________, this ______ day of ____________, 2007
City, Country Day Month Year

Signature of Assignor
Sadettin Ozturk
Name of Assignor

Signature of Witness

SIGNED at ____________, this ______ day of ____________, 2007
City, Country Day Month Year

Signature of Assignor
Christopher Marsh
Name of Assignor

Signature of Witness
CANADA
ASSIGNMENT OF INVENTION

I/We, David Epstein, Roger Monsell, Joseph Horwitz, Susan Lenk, Sadettin Ozturk,
Christopher Marsh whose full post office address is/are 434 East Allens Lane, Philadelphia,
Pennsylvania 19119; 7307 Woodview Way, Willistown, Pennsylvania 19355; 317 Maple Avenue,
Swarthmore, Pennsylvania 19081; 423 Devon Drive, Exton, Pennsylvania 19341; 1965 Black Rock
Lane, Paoli, Pennsylvania 19301; 526 Canterbury Road, Audubon, Pennsylvania 19403 in
consideration of One Dollar the receipt of which is hereby acknowledged, have and by these presents, do
hereby sell and assign to CENTOCOR, INC., whose full post office address is/are 200 GREAT VALLEY
PARKWAY, MALVERN, PENNSYLVANIA 19355 all my/our right, title and interest in Canada in and
to my/our invention relating to CHEMICALLY DEFINED MEDIA COMPOSITIONS as fully
described and claimed in the application for a patent for such invention and all my/our corresponding
right, title and interest in and to any patent which may issue therefor.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an
original, but all such counterparts shall together constitute but one and the same document.

The undersigned hereby grant(s) to the firm of OGILVY RENAULT LLP / S.E.N.C.R.L., s.r.l. of Suite 1600,
1981 McGill College Avenue, Montréal, Québec, H3A 2Y3, Canada, the power to insert on this assignment any
further information which may be necessary or desirable in order to comply with the Patent Rules for recordation of
this document.

SIGNED at __________________, this ______ day of ________,
City, Country _______ Day _______ Month _______ Year

______________________________  ______________________________
Signature of Assignor             Signature of Witness
David Epstein
Name of Assignor

SIGNED at __________________, this ______ day of ________,
City, Country _______ Day _______ Month _______ Year

______________________________  ______________________________
Signature of Assignor             Signature of Witness
Roger Monsell
Name of Assignor
CRD 5082 CA

SIGNED at __________________, this ______ day of __________,____.
   City, Country   Day    Month    Year

_______________________________________________________________
Signature of Assignor
   Joseph Horwitz
   Name of Assignor

_______________________________________________________________
Signature of Witness

SIGNED at __________________, this ______ day of __________,____.
   City, Country   Day    Month    Year

_______________________________________________________________
Signature of Assignor
   Susan Lenk
   Name of Assignor

SIGNED at Spring House, USA, this 17 day of July, 2007.
   City, Country   Day    Month    Year

_______________________________________________________________
Signature of Assignor
   Sadettin Ozturk
   Name of Assignor

_______________________________________________________________
Signature of Witness

SIGNED at __________________, this ______ day of __________,____.
   City, Country   Day    Month    Year

_______________________________________________________________
Signature of Assignor
   Christopher Marsh
   Name of Assignor

_______________________________________________________________
Signature of Witness
CANADA
ASSIGNMENT OF INVENTION

I/Wo, David Epstein, Roger Monsell, Joseph Horwitz, Susan Lenk, Sadettin Ozturk, Christopher Marsh whose full post office address is/are 434 East Allens Lane, Philadelphia, Pennsylvania 19119; 7307 Woodview Way, Willistown, Pennsylvania 19355; 317 Maple Avenue, Swarthmore, Pennsylvania 19081; 423 Devon Drive, Exton, Pennsylvania 19341; 1965 Black Rock Lane, Paoli, Pennsylvania 19301; 526 Canterbury Road, Audubon, Pennsylvania 19403 in consideration of One Dollar the receipt of which is hereby acknowledged, have and by these presents, do hereby sell and assign to CENTOCOR, INC., whose full post office address is/are 200 GREAT VALLEY PARKWAY, MALVERN, PENNSYLVANIA 19355 all my/our right, title and interest in Canada in and to my/our invention relating to CHEMICALLY DEFINED MEDIA COMPOSITIONS as fully described and claimed in the application for a patent for such invention and all my/our corresponding right, title and interest in and to any patent which may issue therefor.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

The undersigned hereby grant(s) to the firm of OGILVY RENAULT LLP / S.E.N.C.R.L., s.r.l. of Suite 1600, 1981 McGill College Avenue, Montréal, Québec, H3A 2Y3, Canada, the power to insert on this assignment any further information which may be necessary or desirable in order to comply with the Patent Rules for recordation of this document.

SIGNED at Radnor, Pa USA, this 8th day of June, 2017.
City, Country Day Month Year

______________________________
Signature of Assignor
David Epstein
Name of Assignor

______________________________
Signature of Witness

SIGNED at Radnor, Pa USA, this 25th day of June, 2017.
City, Country Day Month Year

______________________________
Signature of Assignor
Roger Monsell
Name of Assignor

______________________________
Signature of Witness
CRD 5082 CA

SIGNED at Radnor, PA USA, this 3rd day of July, 2017
City, Country Day Month Year

______________________________
Signature of Assignor
Joseph Horwitz
Name of Assignor

______________________________
Signature of Witness

SIGNED at ____________________, this _____ day of __________.
City, Country Day Month Year

______________________________
Signature of Assignor
Susan Lenk
Name of Assignor

______________________________
Signature of Witness

SIGNED at ____________________, this _____ day of __________.
City, Country Day Month Year

______________________________
Signature of Assignor
Sedettin Ozturk
Name of Assignor

______________________________
Signature of Witness

SIGNED at Radnor, PA USA, this 8th day of June, 2017
City, Country Day Month Year

______________________________
Signature of Assignor
Christopher Marsh
Name of Assignor

______________________________
Signature of Witness