

ASSIGNMENT OF PATENT APPLICATION

(Inventors) (John William GOOBY
(Michael HIRD
(Kenneth Johnson TOYNE
(Guirec Yann COSQUER
(Stephen James COWLING
(Neil GOUGH

In consideration of past and future employment, and my (our) obligation to assign intellectual property generated as result of my (our) employment, the receipt and sufficiency of which consideration is hereby acknowledged, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (QinetiQ Limited
(Address) (of Registered Office 85 Buckingham Gate, London, SW1E 6PD
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (in the invention, and all application for patent and any Letters
(Title) Patent which may be granted therefore, known as
Liquid Crystal Compounds with Branched or Cyclic End Groups
(Case No. P3228/WOD)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on _____ or has already filed in _____
(U.S. appln. Serial No. 10/489,708, filed on _____
(The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Signature of Inventor _____ Date _____
John William GOODBY

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Michael HIRD

Witnessed by _____ Date _____

Signature of Inventor *K. J. Toyne* Date *20-2-04*
Kenneth Johnson TOYNE

Witnessed by *C. J. Toyne* Date *20-2-04*

Signature of Inventor _____ Date _____
Guirec Yann COSQUER

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Stephen James COWLING

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Neil GOUGH

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Signature of Inventor  Date 27/2/04
John William GOODBY

Witnessed by  Date 27/02/04

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Michael HIRD

Witnessed by _____ Date _____

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Signature of Inventor _____ Date _____
John William GOOBY

Witnessed by _____ Date _____

Signature of Inventor M. Hird Date 30/3/04
Michael HIRD

Witnessed by [Signature] Date 30/3/04
(Ken Fergusson)

Signature of Inventor _____ Date _____
Kenneth Johnson TOYNE

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Guirec Yann COSQUER

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Stephen James COWLING

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
Neil GOUGH

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Signature of Inventor Guirec Yann COSQUER Date _____

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Signature of Inventor Stephen James COWLING Date _____

Witnessed by _____ Date _____

Signature of Inventor Neil GOUGH Date 13/4/2004

Witnessed by F. George Date 13/4/2004

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Signature of Inventor  Date 06/04/2004
Guirec Yann COSQUER

Witnessed by  Date 06/04/2004
PAUL ANTHONY WATSON

Signature of Inventor _____ Date _____
Stephen James COWLING

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Witnessed by _____ Date _____

Signature of Inventor  Date 5/4/04

Witnessed by Isabel M Saenz Date 05/04/04

Signature of Inventor Neil GOUGH Date _____

Witnessed by _____ Date _____