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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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**THERMO FISHER SCIENTIFIC, INC.**

Petitioner

v.

**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**

Patent Owner

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**Case No. IPR2018-01156**

U.S. Patent RE46,817

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**PATENT OWNER PRELIMINARY RESPONSE TO PETITION**

# TABLE OF CONTENTS

	Page No.
I. INTRODUCTION .....	1
II. THE PERSON OF ORDINARY SKILL .....	4
III. CLAIM CONSTRUCTION .....	4
A. “direct excitation” .....	4
B. “multichromophore system” .....	6
IV. RESPONSE TO GROUND 1: CARDULLO IN COMBINATION WITH MCQUADE AND LECLERC DOES NOT RENDER INDEPENDENT CLAIMS 1 AND 3 OBVIOUS.....	7
A. Introduction to Cardullo, McQuade, and LeClerc .....	8
B. There was no motivation to combine Cardullo with McQuade and and LeClerc .....	13
1. A POSA would not have replaced the small-molecule acridine orange in Cardullo System C with McQuade’s PPE polymer .....	14
a) Thermo falsely characterizes Cardullo by asserting that System C has a much higher energy transfer than System B.....	14
b) A POSA would not have replaced a DNA intercalator with a large rigid polymer .....	16
c) Thermo distorts the meaning of Cardullo’s “antenna effect” in an attempt to equate it to delocalized electronic structures.....	24
d) Thermo fails to explain how McQuade’s PPE would distinguish between single-stranded and double-stranded DNA .....	29

**TABLE OF CONTENTS**  
*(Cont'd)*

	<b>Page No.</b>
2. McQuade's teachings regarding its dry thin-film pH sensor does not provide a motivation to combine McQuade with Cardullo's solution-based DNA system .....	32
a) McQuade only teaches measuring FRET between dry films and never in solution.....	32
b) McQuade's PPE polymer would be expected to exhibit quenching of fluorescence in aqueous solution .....	34
c) The high FRET transfer efficiency observed in McQuade was due to a combination of features in its thin-film sensor, and not the mere presence of PPE polymer.....	37
3. LeClerc does not provide a motivation to use McQuade's PPE polymer in Cardullo's System C .....	40
a) LeClerc does not utilize the principle of FRET .....	40
b) LeClerc teaches that interaction between its conjugated polymer and DNA decreases fluorescence .....	41
c) Contrary to Thermo's assertions, LeClerc teaches that its aggregation is detrimental.....	43
d) LeClerc's teachings belie Thermo's error in relying on the delocalized electronic structure of conjugated polymers as a motivation to combine .....	43

**TABLE OF CONTENTS**  
*(Cont'd)*

	<b>Page No.</b>
V. RESPONSE TO GROUND 2: CARDULLO IN COMBINATION WITH LECLERC AND HARRISON DOES NOT RENDER INDEPENDENT CLAIMS 1 AND 3 OBVIOUS.....	45
A. Introduction to Harrison .....	45
B. The combination of Cardullo, LeClerc, and Harrison does not teach or suggest all limitations of Claim 1 or Claim 3.....	47
1. None of the references relied on by Thermo for Ground 2 disclose a greater than 4-fold increase in fluorescence emission .....	47
2. The cases cited by Thermo regarding routine optimization are inapplicable .....	49
C. There was no motivation to combine Cardullo with LeClerc and Harrison .....	54
1. A POSA would not have combined LeClerc with Cardullo.....	54
2. A POSA would not have replaced the small-molecule acridine orange in Cardullo System C with LeClerc's polythiophene polymers.....	55
3. LeClerc teaches that interaction between its conjugated polymer and DNA decreases fluorescence .....	58
4. LeClerc's polythiophene polymers have low quantum yield in solution.....	59
5. Thermo's assertions regarding LeClerc's discrimination between ssDNA and dsDNA are not relevant to FRET.....	59

**TABLE OF CONTENTS**  
*(Cont'd)*

	<b>Page No.</b>
6. Thermo has not established that LeClerc's polythiophene polymers would exhibit Cardullo's antenna effect .....	60
7. Harrison does not provide a motivation to use LeClerc's polythiophene polymers in Cardullo System C .....	62
VI. CONCLUSION.....	63

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