Paper 1 Filed: February 19, 2019

#### UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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NALOX-1 PHARMACEUTICALS, LLC, Petitioner,

v.

ADAPT PHARMA LTD,
OPIANT PHARMACEUTICALS, INC.,
Patent Owners

IPR2019-00698 U.S. Patent No. 9,775,838

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PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,775,838
AS OBVIOUS OVER WANG



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A. A POSA Would Have Been Motivated to Develop Improved In Naloxone Formulations to Combat the Opioid Epidemic	
B. A POSA Would Have Had the Know-How to Readily Develop an In Intranasal Naloxone Formulation.	-
1. The volume of the nasal cavity naturally limits the volume of a n nasal spray to about 100 μL per spray	
2. A POSA would have been motivated to use a 4–6 mg naloxone achieve desirable naloxone exposure levels.	



	A POSA would have had adequate know-how and ability to se ommonplace excipients to make a stable, well-tolerated intranasal nalox ormulation.	one
4.		one
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7.		
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	Ground 2: Claims 3 and 32–34 are obvious over Wang (Nalox100 HPE (Nalox1012), Djupesland (Nalox1010), Bahal (Nalox1 waha (Nalox1013)	$0\dot{1}4$ ), and
1.	Claim 3	
2.	Claim 32	42
3.	Claim 33	
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C. HPE (Nalo	Ground 3: Claims 13–17 are obvious over Wang (Nalox1008) (Nalox1012), Djupesland (Nalox1010), and the '29 ox1015)	1 patent
`	Ground 4: Claims 19–23, 25–29, 36, and 39–40 are obvious ox 1008) in view of HPE (Nalox1012), Djupesland (Nalox1010), ox 1007).	and Wyse
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(Nalo	Ground 6: Claims 41–46 are obvious over Wang (Nalox1008) in viox1012), Djupesland (Nalox1010), the '291 patent (Nalox1015), ox1007)	and Wyse
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