



ASSET LIST

LOT 136: NEUTRON IMAGING WITH ULTRA HIGH DEFINITION SPATIAL AND ENERGY RESOLUTION PATENTS FOR SALE

136号专利包：具备超高清空间与能量分辨率的中子成像专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 136 consists of 17 global patents and applications with protection in the United States and Europe. This invention provides the broadest possible competitive barrier around the cutting-edge neutron detection technology. The technology revolutionarily combines the highest possible spatial and timing resolution with exceptional dynamic range (~20-micron FWHM, ~100ns, and ~10 MHz/cm² respectively). Traditional neutron imaging approaches - unable to match this performance - are increasingly hampering forward progress in the newly emerging imaging, tomography, and energy-resolving neutron methods. The portfolio will benefit nuclear instrumentation companies supplying nuclear research labs and research reactor sites and aerospace and automotive companies using nondestructive testing. This portfolio also includes a trademark, prototype, know-how, and website.

Ocean Tomo Bid-Ask™市场136号待售专利包由17项美国、欧洲专利与专利申请组成。本发明围绕尖端的中子检测技术提供了最广泛的竞争壁垒。该技术革命性地将最高的空间分辨率、时间分辨率与出色的动态范围（分别为~20微米FWHM，~100ns和~10 MHz / cm²）相结合。传统的中子成像方法无法与之媲美，且越来越阻碍了新兴的成像、层析成像和能量探测中子方法的发展。该专利包适用于为核研究实验室和研究反应堆站点提供资源的核仪器公司，以及使用无损检测的航空航天和汽车公司。该专利包还包括商标、产品原型、专有技术和网站。

For further information or to bid on this lot, please email Bid-Ask@OceanTomo.com.
竞拍该专利包或详询更多信息，欢迎联系 Bid-Ask@OceanTomo.com.

NO. 序号	PUBLICATION NO. 公开号	PATENT TITLE 专利名称	PRIMARY IP CLASS IPC主分类号	PRIORITY DATE 优先权日	FILE DATE 申请日	ISSUE/ PUBLICATION DATE 公开日	NO. OF FORWARD CITATIONS 前引数量
1	US7508131	Electron multipliers and radiation detectors 电子倍增器和辐射探测器	H01J 43/04	5/29/03	2/5/07	3/24/09	8
2	US7791038	Neutron detection 中子探测	G01T 3/00	7/3/07	7/3/07	9/7/10	2
3	US7990032	Electron multipliers and microchannel plates 电子倍增器和微通道板	H01J 43/06	5/29/03	3/23/09	8/2/11	6
4	US8221181	Electron multipliers and microchannel plates 电子倍增器和微通道板	H01J 9/00	5/29/03	6/20/11	7/17/12	1
5	US8445858	Neutron detection and collimation 中子探测与校准	G01T 3/00	11/19/08	11/19/08	5/21/13	1
6	US8445861	Neutron detection based on induced charges 基于感应电荷的中子探测	G01T 3/00	1/28/10	1/28/11	5/21/13	1
7	US8507872	Neutron detection 中子探测	G01T 3/00	3/23/10	3/23/11	8/13/13	9
8	US8766206	Neutron detection based on energy spectrum characteristics 基于能谱特征的中子探测	G01T 3/06	7/8/10	7/8/10	7/1/14	0
9	US8835864	Neutron detection 中子探测	G01T 3/00	3/23/10	8/12/13	9/16/14	1
10	US8884237	Neutron detection 中子探测	H01J 49/44	2/12/08	2/11/09	11/11/14	1
11	US9082907	Neutron detection and collimation 中子探测与校准	H01L 31/032	11/19/08	5/14/13	7/14/15	2
12	US9297914	Neutron detection 中子探测	G01T 3/08	6/11/12	3/15/13	3/29/16	1
13	US9651688	Neutron detection 中子探测	G01T 3/00	6/11/12	3/28/16	5/16/17	0
14	EP2859381	Neutron detection 中子探测	G01T 3/00	6/11/12	6/10/13	8/9/2017	0
15	US9941438	Neutron detection 中子探测	H01L 31/08	3/23/11	10/22/14	4/10/18	1
16	US20200309973	Neutron imaging system having neutron shield 具有中子屏蔽功能的中子成像系统	G01T 3/08	2/20/19	2/19/20	10/1/20	0
17	US2020/018833	Neutron imaging system having neutron shield 具有中子屏蔽功能的中子成像系统					
18	US90378287	Trademark-NeuView™					
19	Website	www.novascientific.com					
20	Prototype						
21	Know-how						