

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2187325
<b>Application Number:</b>	11854213
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4458
<b>Title of Invention:</b>	METHODS AND SYSTEMS FOR DETERMINING THE AVERAGE ATOMIC NUMBER AND MASS OF MATERIALS
<b>First Named Inventor/Applicant Name:</b>	Robert J. Ledoux
<b>Customer Number:</b>	25181
<b>Filer:</b>	Stephen B. Deutsch
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	PSD-00102
<b>Receipt Date:</b>	12-SEP-2007
<b>Filing Date:</b>	
<b>Time Stamp:</b>	16:15:40
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 525
RAM confirmation Number	1426
Deposit Account	061448
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17	

### File Listing:

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Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	PSD102ADS.pdf	58743 15037778d6f1186edba29fec26920d75944209754	no	3
<b>Warnings:</b>					
<b>Information:</b>					
This is not an USPTO supplied ADS fillable form					
2	Oath or Declaration filed	PSD102Declaration.pdf	88192 072c3bec435f35eef619b9a42ed8a06bc5c054d1	no	1
<b>Warnings:</b>					
<b>Information:</b>					
3		PSD102Application.pdf	1995038 3e8b9521b25e73a16adde4c4d2f02c7e5f3f5aac	yes	39
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>	<b>End</b>	
	Specification		1	29	
	Claims		30	33	
	Abstract		34	34	
	Drawings		35	39	
<b>Warnings:</b>					
<b>Information:</b>					
4	Transmittal of New Application	PSD102UtilityApplicationTransmittal.pdf	99555 d26c9f5e419d841c73c3b9fa08eb80153ae99276	no	1
<b>Warnings:</b>					
<b>Information:</b>					
5	Power of Attorney	PSD102POA.pdf	117793 fee11541e0e790f1e1545c8f9c72656ae281c32	no	2
<b>Warnings:</b>					
<b>Information:</b>					
6	Fee Worksheet (PTO-06)	fee-info.pdf	8530 4e802aac371c55a7e4540b85a3d48b8c6d0896fc	no	2
<b>Warnings:</b>					
<b>Information:</b>					

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.