

Vincent Caboara

Mandatory reporting accuracy is fundamentally tied to the best available technology. This submission introduces the ACS (Arboreum Commercial Solutions) standard—a closed-loop carbon-negative, agri-waste pulping process—as the new benchmark for carbon-intensity (CI) reduction. By utilizing syngas and biochar as secondary outputs, the ACS process (see attached 12/17/25 filing receipt) demonstrates that current timber-based emission reporting likely reflects outdated industrial inefficiency rather than unavoidable environmental impact. I am notifying the Board that this standard is available for licensing to ensure reporting reflects true technical feasibility.

UNITED STATES
PATENT AND TRADEMARK OFFICEP.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov**ELECTRONIC ACKNOWLEDGEMENT RECEIPT**APPLICATION #
19/424,106RECEIPT DATE / TIME
12/17/2025 11:24:20 PM Z ETATTORNEY DOCKET #
1126P001**Title of Invention**

INTEGRATED LIGNOCELLULOSIC WASTE PROCESSING

Application InformationAPPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 2951

FILED BY KATHY MOU

PATENT CENTER # 73649505

FILING DATE -

CUSTOMER # 210830

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Documents**TOTAL DOCUMENTS: 14**

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
1126P001 ADS.pdf	8	Application Data Sheet	2202 KB
1126P001 Declaration.pdf	2	Oath or Declaration filed	252 KB
1126P001 POA.pdf	2	Power of Attorney	391 KB
1126P001 Certification of Micro Entity Status.pdf	2	Certification of Micro Entity (Gross Income Basis)	159 KB
1126P001 IDS.pdf	5	Information Disclosure Statement (IDS) Form (SB08)	1315 KB
1126P001 Figures.pdf	3	Drawings-only black and white line drawings	148 KB
1126P001 Application- APP.TEXT.docx	16	Application body structured text document	56 KB