

**Eugene Jules Houdry Papers**  
**A Finding Aid to the Collection in the Library of Congress**



**Manuscript Division, Library of Congress**  
**Washington, D.C.**  
**2010**

Contact information: <http://hdl.loc.gov/loc.mss/mss.contact>

Catalog Record: <https://lcn.loc.gov/mm81026542>

Additional search options available at: <https://hdl.loc.gov/loc.mss/eadmss.ms010102>

Prepared by David Mathieson

Finding aid encoded by Library of Congress Manuscript Division, 2010

## Collection Summary

**Title:** Eugene Jules Houdry Papers

**Span Dates:** 1931-1980

**Bulk Dates:** (bulk 1948-1959)

**ID No.:** MSS26542

**Creator:** Houdry, Eugene Jules, 1892-1962

**Extent:** 36 items

**Extent:** 1 container

**Extent:** 0.4 linear feet

**Language:** Collection material in English and French.

**Location:** Manuscript Division, Library of Congress, Washington, D.C.

**LC Catalog record:** <https://lccn.loc.gov/mm81026542>

**Summary:** French-American chemist, chemical engineer, and inventor. Notes containing blueprints, mathematical calculations, formulas, and charts, and including remarks and papers relating to air pollution, petroleum chemistry, and public health.

## Selected Search Terms

The following terms have been used to index the description of this collection in the LC Catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically.

### People

Houdry, Eugene Jules, 1892-1962.

Houdry, Jacques H.--Correspondence.

Houdry, Pierre D.--Correspondence.

Stine, Jeffrey K.--Correspondence.

### Subjects

Air--Pollution.

Catalysts.

Catalytic cracking.

Chemistry.

Petroleum industry and trade.

Public health.

### Occupations

Chemical engineers.

Chemists.

Inventors.

## Provenance

The papers of Eugene Jules Houdry, French-American chemist, chemical engineer, and inventor, were given to the Library of Congress by Martha E. Ross in 1965 and by Jeffery K. Stine in 1981.

## Processing History

The papers of Eugene Jules Houdry were arranged and described circa 1965. The collection was expanded in 1984. The collection and finding aid were revised in 2010.

## Copyright Status

The status of copyright in the unpublished writings of Eugene Jules Houdry is governed by the Copyright Law of the United States (Title 17, U.S.C.).

## Access and Restrictions

The papers of Eugene Jules Houdry are open to research. Researchers are advised to contact the Manuscript Reading Room prior to visiting. Many collections are stored off-site and advance notice is needed to retrieve these items for research use.

## Preferred Citation

Researchers wishing to cite this collection should include the following information: Container number, Eugene Jules Houdry Papers, Manuscript Division, Library of Congress, Washington, D.C.

## Biographical Note

<b>Date</b>	<b>Event</b>
1892, Apr. 18	Born, Dormont, France
1911	Graduated in mechanical engineering, Ecole des Arts et Métiers, Paris, France
1922	Married Genevieve Marie Quilleret
1930	Came to United States
	Refined his process for the conversion of crude oil products to high-quality gasoline
1937	First Houdry unit built at oil refinery of Sun Oil, Marcus Hook, Pa.
1942	Became citizen of the United States
1962	Received patent for catalytic converter for automobile exhaust systems
1962, July 18	Died, Upper Darby, Pa.

## Scope and Content Note

The papers of Eugene Jules Houdry (1892-1962) span the years 1931-1980, with the bulk of the material dating from 1948-1959. The papers are in English and French. A large portion of the papers consists of Houdry's notes on the topics of catalysts and catalytic cracking in the petroleum industry. Included also in the collection are remarks and papers concerning air pollution, petroleum chemistry, and public health. The correspondence was written between Houdry's sons, Jacques H. and Pierre D. Houdry, and Jeffrey K. Stine.

## Arrangement of the Papers

This collection is arranged by type of material and therein chronologically or alphabetically.

# Container List

Container	Contents
BOX 1	Miscellany
BOX 1	Biographical sketch, undated
BOX 1	Correspondence, 1980
BOX 1	"Oxy-Catalyst, Inc.: A Brief History," 1974
BOX 1	Report, 1945
BOX 1	Notes
BOX 1	"Transformation Catalyst," 1931, Nov. 6
BOX 1	"Hydrogenation," 1931, Nov. 11
BOX 1	"Process for Refining of Grain Oil by Catalytic Action: Improvement of Viscosity Index," 1931, Nov. 13
BOX 1	"The Principle of Catalysis Applied to the Manufacture of Gasoline," circa 1931
BOX 1	"Cracking Catalyst," 1948, May-Sept.
BOX 1	"Catalytic Engine," 1948, Aug.-Dec.
BOX 1	"Basis of Calculation for Catalytic Engine," 1949, May 20
BOX 1	"Calculated Efficiency," 1949, May 31
BOX 1	"Catalytic Pilot," 1949, Sept. 2
BOX 1	"Suggestions for 11-4 Combustion Case," 1949, Dec. 2
BOX 1	"Mounting of Sticks in Porcelain Assembly," 1949, Dec. 31
BOX 1	"Catalytic Cracking—New Fixed Bed Process for 10-3," 1950, Apr. 30
BOX 1	"Catalyst—Anti-Knock," 1950, June 4
BOX 1	"Catalytic Muffler," 1960-1961 (2 folders)
BOX 1	"Conditions for Use of Silicate Base Catalysts," undated
BOX 1	"Suggestions for Study of Possible Use of Hydrosilicates as Cracking Catalysts," undated
BOX 1	Remarks and papers
BOX 1	1954-1962, undated (3 folders)