It is with mixed emotions that we present to you in this issue blacksmithing prints from the original 1751 Diderot Encyclopaedia. That you will have before you these prints without their pages of explanatory text will most certainly be some source of frustration. However, insofar as nobody has yet tackled the herculean task of translating all the texts from the French, and insofar as the reproduction of these plates (at 75% their original size) is all our budget will allow, we hope you will agree that a picture can be worth a thousand words. Unremittting and relentless cross-examination of the following pages will reveal to you the processes used in a golden age of smithing to forge anvils and anchors, leg vices and locks, and much, much more. We hope you will enjoy this. We also wish to thank Mr. Walter Wright, until recently Curator of Rare Books at the Library of Dartmouth College, and Mrs. June Hicks, Assistant Librarian, for their invaluable permission and assistance in providing access to a set of the original:

The ANVIL's RING
Sept. 1980, Vol. 8, No. 3

Dimitri Gerakaris
Mary Gerakaris
James Fleming

Editor
Managing Editor
Associate Editor

The ANVIL'S RING is the official publication of the Artist-Blacksmiths' Association of North America (ABANA), and is mailed to members on a quarterly basis during the months of March, June, September and December. Membership is available to any individual or organization interested in the art of blacksmithing.

All editorially related material, such as articles, book reviews, queries, tips, announcement of activities, ads, etc., should be addressed to The Anvil's Ring, The Upper Gates Rd., North Canaan, New Hampshire 03764.

Matters related only to membership and subscription, including dues, change of address and subscription complaints, should be addressed to Dr. Carl VanArnam, ABANA Sec-Treas., P.O.Box 1191, Gainesville, Florida 32602.

All other inquiries and correspondence should be addressed to Mr. Joe Humble, ABANA Corresponding Secretary, 5029 Montcrest Drive, Chattanooga, Tennessee 37416.

Back issues through December 1978 can be obtained from the New Hampshire or Florida address for the amount of $3.50 per issue. Membership applications appear elsewhere in this issue. The contents of this publication cannot be reproduced either in whole or in part without the permission of the editor or the individual contributor.
Taillanderie, Manière de faire les Inclumes.
Taillanderie, Suite de la fabrique des Bateaux.
Taillanderie, Maniere de faire les Cuesillas, Piques, Venaillas, Etains &c.
Taillanderie, Fabrique des Tissus
Taillanderie, Manière de faire les Bujones, Marteaux, Serpo & c.
Serrurerie. Grande Ouvrages, Détails.
Serrurerie, Grands Ouvrages, Appuis et Rampes
Serrurerie, Grands Ouvrages, Pestes de Portes, Balcons, Appuis et Rampes
Serrurerie, Études de Grilles.
Serrurerie, Grands Bouchages, Ornemens de Relieurs
Serrurerie, Bricures et Clefs
Serrurerie, Clefs à Bouton et leurs Garnitures.
Serrurerie, Serrures de Portes
Serrurerie, Serrures de Coffre à 1, 2, 3 et 4 Fermetures.
Serrurerie, Serrure de Coffre à douze Verrous.
Serrurerie, Serrures Ovalles et à Boîse et Cadenas à Serrure
Serrurerie, Cadenas à Serrure et à Secré
Serrurerie, Bec de Cannes, Torlettes, Loqueteaux et Loquets.
Serrurerie, Roulette de Lit, Pivot d'armoire et Fiches rampantes.
Serrurerie; Façon d'Espagnolettes
Serrurerie, Façon d'Espagnolettes tirées à la Filière.
Serrurerie. Croisées à petits bois en fer.
Serrurerie en Ressorts, Ferrures de Voiture.
Serrurerie, Outils de Forge et d'Etable.
Marechal Grossier, Forge et Outils
Serrurerie, Outils d'Usinage.
Marechal Grossier, etc.
Marine, Forge des Aneries,
Vue de la Forge au côté de l'Entrée et Plan Général de la Forge.
Marine, Forge des Ancres.
Une Perspective de la Forges et Profil de l'Ordre.
MARINE, Forge des Ancres.

Élaboration antérieure de l'entrée et délabrement l'une des Écus.
Marine, Forge des Ancres Plan et Profil d'un Ancre de 160.
Marine, Forge des Ancres.
L'opérations de souder et faire la têpar en plusieurs chauve.
Marine, Forge des Ancres.
Marine, Forge des Ancres.
Marine, Forge des Ancres, Opération de Parez
COMING EVENTS

September 7-20 . . . Robert Timberlake conducts a blacksmithing course at the John C. Campbell Folk School, Brasstown, North Carolina 28902 (704-837-2775).

September 15 thru October 24 . . . Frank Turley offers a six week course at Turley Forge in Santa Fe, New Mexico to include instruction in the use of the forge, anvil, and accessory tools. Essential techniques developed during the course will include the following: drawing, upsetting, punching, hot splitting, fullering, twisting, bending, hot rasping, forge welding, forge brazing, striking with sledge, using the trip hammer.

Early class projects will include the making of fire tools to be used during the course. More advanced projects will include the fabrication of steel tools, chain, tongs, utensils, hinges, door latches, and scrollwork. When the student has mastered the basic techniques, he will be allowed to create his own personal projects. Specific instruction is also given in the annealing, hardening, and tempering of the student's handmade tools.

Lectures are coordinated with the workshop. Subjects covered include shop layout and practice, tools and their uses, tool acquisition, and cost estimating. Basic ferrous metallurgy, patination, and heat treatment practice will be explained. Field trips to local museums are integral to the course. Each class is limited to six students. Class openings are filled upon receipt of completed application and deposit. For more details and enrollment form contact: Frank Turley, Turley Forge, Rte. 4, Box 88C, Santa Fe, New Mexico 87501. 1981 openings include Feb. 9-Mar. 20; Mar. 30-May 8; May 18-June 26; Sept. 14-Oct. 23; Nov. 2-Dec. 11.

September 19, 20 and 21 . . . Bill Haviland, resident blacksmith at the Grant-Kohrs Ranch National Historic Site, will be conducting a blacksmithing workshop at Western Montana College. The workshop is being held in conjunction with Dillons' Centennial celebration the month of September. Subjects covered in the workshop include: drawing out, upsetting, bending, twisting, splitting, hot and cold cutting, hot punching, hot rasping, double and triple striking and welding. Participants will make projects during the workshop. Enrollment is limited. For more details and enrollment forms contact Barney Brienza, Workshop Coordinator. Western Montana College, Dillon, Montana 59725. Telephone: 406-683-7011.

September 22-26 . . . Second annual Cedar Creek workshop in Cedarburg, Wisconsin. Demonstrators and program are yet to be announced; however, demonstrations and forge time with instruction will be provided. For information, contact: J.B. English, Cedar Creek Forge, N70 W6340 Bride Road, Cedarburg, Wisconsin 53012.

September 29 thru October 4 . . . Fall six-day workshop at DeLeon Forge in Santa Fe, New Mexico, with Rolando DeLeon as instructor. Program will include: 48 hrs. of basic and advanced forge work; 3½ hr. blacksmithing films (on loan from International Folk-Art Foundation of N.M.); students will receive "Basics to Smithing" booklet and packet of information — where to buy tools, bibliography, etc.; 1st day — basics to craft — building fire, proper hammer, anvil technique, drawing, fullering, punching, splitting, upsetting, etc.; 2½ days — shaping projects, forging fire tools, pair of tongs, toasting forks and spoons; one day of toolmaking, heat treating and tempering of carbon steels. Students will shape and temper cold chisel and scribe from junkyard carbon steels; one day of basic forge welding — students will forge weld chain links and other basic welds; final day — each student will shape grotesque animal head poker with forge welded fork.

Tuition $235.00. A $35.00 deposit will assure a place in the class. Class limited to 6 students. Contact: Rolando DeLeon, DeLeon Forge, Rt. 2 Box 216-B, Santa Fe, New Mexico 87501 (505-471-8312).

October 18 & 19 . . . Francis Whitaker will demonstrate basic and advanced ornamental forging techniques, the use of jigs and forming tools and techniques to improve production. Time will be available for students' use of the shop forges to experiment under Mr. Whitaker's guidance. Because these workshops are expected to fill rapidly we suggest that you reserve your space early. Full remittance of $55 includes forge use & 2 nights camping. ($100 for both Whitaker and Turley workshops). Tuition is refundable up to 2 weeks before class. You will receive maps and information 2 weeks prior to class. Peaceable Kingdom School of Blacksmithing, Box 313, Washington, Texas 77880 (713-878-2353).
October 25 & 26 ... Frank Turley will demonstrate the working characteristics and use of the various exotic steels available to the modern smith. He will also demonstrate the use of the forge in corrective shoeing and answer questions and demonstrate points of interest to members of the group. Three forges will be available to students who wish to use them after the demonstrations. Full remittance of $55 includes forge use & 2 nights camping. ($100 for both Turley and Whitaker workshops). Tuition is refundable up to 2 weeks before class. You will receive maps and information 2 weeks prior to class. Peaceable Kingdom School of Blacksmithing, Box 313, Washington, Texas 77880 (713-878-2353).

October 27 thru 31 ... Joe Pehoski teaches a 5-day workshop dealing in advanced techniques of ornamental blacksmithing. Students will share in the making of a 3' x 4' garden gate where they will practice hot splitting, punching, upsetting, right angle bends, twisting, collaring, tenon forming and traditional hot oil finishing. Special emphasis will be on economical use of time and the use of modern techniques without sacrificing the beauty of traditional appearance. Tuition $150.00 includes all materials, tool use and six nights camping — a $50.00 deposit will reserve space, with balance due on the first day of class. Tuition is refundable up to 2 weeks before class. You will receive maps and information 2 weeks prior to class. Peaceable Kingdom School of Blacksmithing, Box 313, Washington, Texas 77880 (713-878-2353).

November 2-15 ... Francis Whitaker conducts a workshop at the John C. Campbell Folk School, Brasstown, N.C. 28902 (704-837-2775). Please write or phone for details.

November 3 thru December 12 ... Six week course at Turley Forge, Santa Fe, New Mexico. (See listing for Sept. 15 thru Oct. 24 for details.)

December 5, 6, 7 ... Northeast Professional Arts and Crafts Festival at the Northeast Trade Center, Woburn, Mass. Original work in all media juried by five slides (one of display). Fee $90. For application, S.A.S.E. to Show Promotion Assoc., P.O. Box 2525, Woburn, Mass. 01888 (617-263-8885) or (617-935-8530).

January 18-23, 1981 ... Japanese Metalsmithing techniques and Mokume Gane (“wood-grain metals”) will be taught by Eugene and Hiroko Pijanowski at the League of N.H. Craftsmen Seminar '81 at Enfield, N.H. For details contact Merle D. Walker, Director, League of N.H. Craftsmen, 205 N. Main St., Concord, New Hampshire 03301 (603-224-3375).

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Trying to cram a book review into the Diderot issue of this magazine was one of the furthest things from your editor's mind; however, the appearance of a great book cannot be ignored.

Long in the works, the book by this Dean of American blacksmithing has proved well worth the wait. During the past fifty years, Donald Streeter has set the standards for excellence in the reproduction of traditional American ironware. Independence Hall, the Betsy Ross House, Harpers Ferry National Monument, the Smithsonian are but some of the many sites graced with his work. And in an equally artistic and perfectionist manner, Mr. Streeter has directed his talents to the production of this book which will easily become a classic text for beginner and well-seasoned smiths alike.

This well guided tour to the realm of professional smithing begins at point zero — nothing is taken for granted (except, perhaps the desire for excellence). Then, with an abundant progression of clear photographs and even clearer prose, Donald Streeter takes us through the introduction of the most basic principles and tools (in the manner of an Olympic coach analyzing the finest points) and on to the esoteric devices which have been developed after 50 years of thoughtful and meticulous insight. Extensive attention is given to punch and die work, whitesmithing, fireplace ironwork, hardware and culminates in lock work, including many step by step sections on how to make specific items.

There is an initial sense of disappointment when one realizes there are but 133 pages in this book, but this easily gives way when one realizes the efficacy of those to-the-point pages. It has been said that to give a man a fish is to feed him only for one meal, but to teach him to fish is to help feed him for life. Many are those who will read this book and eat better.

Kudos!

William Gasparrini of Greenwich, Connecticut has been elected president of the National Ornamental & Miscellaneous Metals Association. Bill is also currently serving a term as an ABANA director and has served as secretary-treasurer. Congratulations and good luck!

Also recently elected are the new slate of offices for the California Blacksmith Association (CBA): Joe Klein, president; Toby Hickman, vice president; Raffi Bedayn, secretary; Carl Gravelle, treasurer. Congratulations and good luck to you, too!

And kudos also go to Brian Cummings of Rumney, New Hampshire who has won the League of New Hampshire Craftsmen's Top Folk Art Award at the League's annual Juried Exhibit.

Candlestand by Brian Cummings

photo by Bill Finney

WANTED: 25 or 50 lb. power hammer in good condition. Preferably located on the East coast of the U.S. or Canada. Send information to: Don Pell, Maquapit Forge, RR #1, Ripples, New Brunswick, Canada EOE 1MO.

WANTED: Hay Budden anvil, approx. 150-160 lbs. Danny Ward, Eastern School of Farriery, P.O. Box 1368, Martinsville, Virginia 24112.


FOR SALE: 50 lb. Murray trip hammer, good condition. 25 lb. Little Giant, needs work. Both with motors. Contact: Nick Brumder, Liberty Forge, P.O. Box 1152, Crested Butte, Co. 81224, or telephone 303-349-6252 or 6253.

NEXT ISSUE!

The Anvil's Ring will present a special international focus on the state of the art of blacksmithing as reflected by the International Conference in England, The International Exhibition in Germany and — last-but-not-least — the ABANA-CBA Conference in California (with coverage of the first two events greatly enhanced by generous funding from the National Endowment for the Arts).

Reader input will be greatly welcomed with regard to the Diderot issue, the California Conference and anything having to do with the pleasurable experience of blacksmithing.

All contributions should, by September 15 at the latest, be in the coal-dust stained hands of your editor:

Dimitri Gerakaris
Upper Gates Rd.
North Canaan, New Hampshire 03741

A Great Loss to the blacksmithing community was suffered with the passing of Joe Tucker of Boscawen, New Hampshire. Over sixty years a smith, Mr. Tucker was once the slender thread by which the art of blacksmithing hung in his home state. A demonstrator at the ABANA Purchase Conference, Joe has long been known for the delicacy and simple elegance of his work, and the mischievous, yet loving twinkle in his bright blue eyes. He set a dignified example for many young smiths who will miss him.

ADVERTISING RATES: Advertising will be accepted under the following rates & conditions:

$2.50 full page ad 7 1/2" x 9 1/2";
126 1/8 page ad (horiz.) 4 1/4" x 7 1/4" (vert.) 3 1/2" x 9 1/2";
70 1/4 page ad 3 1/2" x 4 1/2" (vert.);
38 1/16 page ad 2 1/8" x 3 1/8" (horiz.).

Ads placed for a full year's run, i.e., for four consecutive issues, will receive a 10% discount. Closing dates for ads will be TWO months before month of issue (e.g., closing date for the Sept. issue will be July 2nd). Issues will be published in March, June, September, and December. Checks for space must accompany each order payable to “The Artist-Blacksmiths’ Association of North America.” Inquiries regarding advertising may be sent to: The ANVIL'S RING, The Upper Gates Road, North Canaan, New Hampshire, 03741.

MEMBERS, PLEASE NOTE: Although commercial suppliers are naturally required to pay for regular ads, there is never any charge for members to insert small classified ads for business related items sought or offered, nor will there ever be any charge for ‘BLACKSMITH WANTED” situations.

CHANGES OF ADDRESS: Should your address change, do NOT send notification directly to the ANVIL'S RING. Changes of address, as well as application for membership should be sent to:

The ARTIST-BLACKSMITHS' ASSOCIATION OF NORTH AMERICA
P.O. Box 1191
Gainesville, Florida 32602

DEADLINE for December issue: Remember, all material, be it questions, tricks, opinions, ads, photos, whatever, for the next issue, which shall appear next December, should be received no later than September 15 by your editor:

Dimitri Gerakaris
The Anvil’s Ring
The Upper Gates Rd.
North Canaan, N.H. 03741

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Tantum series juncturaque pollet,
Tantum de medio fumptis accedit honoris! Horat.

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