# Japan's comic book and merchandising hero is poised to strike the U.S. market.

By Dan Cziraky

GUYVER is a \$3 million feature film version of the six volume Japanese graphic novel by Yoshika Takaya, which served as the directing debut of makeup effects artists Screaming Mad George and Steve Wang. STUDENT BODIES heartthrob Jack Armstrong plays a college student thrust into superherodom a la THE ROCKETEER when he finds "the Guyver," an alien device that transforms him into an invincibly armored fighting machine. Mark Hamill (STAR WARS) is featured as a CIA agent out to keep the device

from falling into the wrong hands. Produced by Brian Yuzna (RE-ANIMA-TOR), the film opened in Japan last September, with U.S. theatrical and video

rights still up for sale.

George, the Japanese makeup artist best known for the female body-builderturned-cockroach effect of A NIGHT-MARE ON ELM STREET 4, was originally sought by the Japanese rights owners, Bandai Toy Company and Hero Communications, to do the film's makeup

Co-director/effects designer Screaming Mad George,

on set with the GUYVER, a college student thrust

into superherodom when he finds an alien device.

Zoanoids (I to r) Spice Williams, Michael Berryman, Jimmy Walker and Peter Speller, kidnap the GUYVER's girlfriend, THE LAST EMPEROR's Vivian Wu.

effects. "One of my conditions was that I would direct," said George, who brought in Yuzna, with whom he had worked on BRIDE OF RE-ANIMATOR, as producer, and Wang, an effects colleague, as co-director.

The Japanese comic book series, already the inspiration for toys and an animated version in Japan, was translated into English by George, who roughed out the film's outline—scripted by John Purdy—with Yuzna and Wang. "The animated version of GUYVER is a lot more serious and meant for adults," said George. "It had a lot of gory violence and adult themes. As we got into script development, we realized that with the budget and schedule we had to shoot the movie, we'd probably be better off making it for a broader audience, like a PG-13."

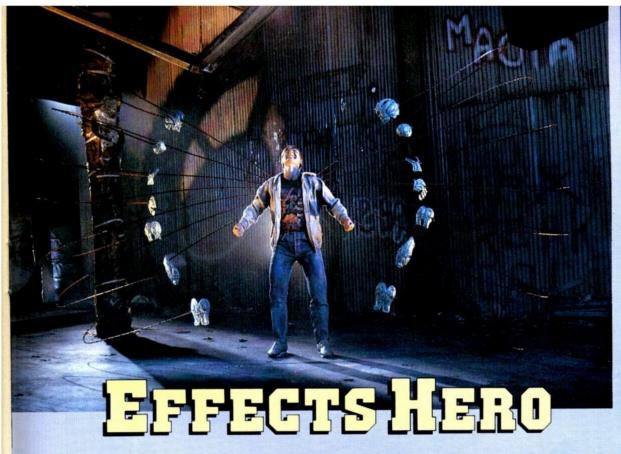
First-time directors George and Wang completed the movie's principal photography in five weeks, beginning in October 1990, shooting on locations in Simi Valley and Los Angeles. At first directing side by side, the co-directors soon split up into separate units with Wang, a Taiwan native heavily influenced by ULTRAMAN, handling the bulk of the film's action scenes.

Wang and George had met while working in the makeup department of Boss

Films, and Wang, a self-taught makeup artist, was later hired by Stan Winston to work on PREDATOR. "It was the first film to really feature my painting style," said Wang, "with all the spots and patterns." The creature effects for GUYVER, supervised by Wang and George include the Zoanoids, alien-induced human mutations genetically designed as organic weapons, capable of transforming into monstrous soldiers. The film's climax pits the GUYVER against a huge, eight-legged Zoanoid mutation, filmed both live and with puppetry as a one-fifth scale miniature.

David Gale, the evil scientist of Yuzna's RE-ANIMATOR series, plays the film's Zoanoid leader, out to retrieve the Guyver. Featured as Armstrong's love interest is Vivian Wu, seen as the second wife of Bernardo Bertolucci's THE LAST EMPEROR. Genre luminaries featured in the cast include Michael Berryman (THE HILLS HAVE EYES) and Spice Williams (STAR TREK V) as Zoanoid henchmen, Jeffrey Coombs as Dr. East, with a cameo by scream queen Linnea Quigley. And in an off-beat casting touch suggested by Wang, GOOD-TIMES star Jimmy "J.J." Walker plays a Zoanoid rapper whose anthem is "Dy-no-mite!" Wang thought of Walker because one of the Zoanoid monsters designed for the film by Jim Kagel reminded him of the lanky, black actor. "We were just joking around about who could play these monsters," said Wang. "We laughed about it, then thought, 'Why not?""

George, who plans to direct his own script called ANIMUS, likens GUYVER to "ROBOCOP versus PREDATOR by way of TEENAGE MUTANT NINJA TURTLES. This isn't stupid comedy but real, legitimate, funny moments that don't get in the way of being played as a straight action-adventure."



## A jaw-dropping transformation by Ted Rae.

## By Chip Merriwether

To insure the believability of actor Jack Armstrong's metamorphosis from young teen to the space armored GUYVER, visual effects man Ted Rae was called upon by co-director Steve Wang to devise a startling display of matched-move stop-motion control work which emulated the gestalt of Japanese animation films long admired by both men. The shot has drawn applause at preview screenings.

With the assistance of Asao Goto, Rae's first order of business was the crafting of a detailed one-third scale puppet of the actor and a miniature set

to match the live action. Unlike most stop-motion puppets, the armature was designed specifically to not move from the chest down since it needed to be sturdy enough to hold fourteen four-to-five-foot tentacles. The rigid body was fashioned in Sculpey by Wyatt Weed and topped with a rigid grimacing visage of Armstrong. A tiny foam rubber neck appliance allowed the two rigid sections of the body to move naturally in relation to each other. Costumer Lynette Johnson supplied the 22-inch puppet's pintsized wardrobe, including scaled down bluejeans and sweatshirt, which along with the stylized T-shirt artwork of

Left: Filming the live-action shot of Armstrong, duplicated in miniature, that sets up the puppet transformation shot. Right: Steve

the rock band "The Cult," were meticulously hand-painted and airbrushed to camera by

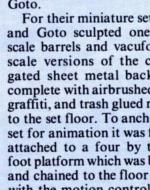
For their miniature set, Rae and Goto sculpted one-third scale barrels and vacuformed scale versions of the corrugated sheet metal backdrop complete with airbrushed rust, graffiti, and trash glued rigidly to the set floor. To anchor the set for animation it was firmly attached to a four by twelve foot platform which was bolted and chained to the floor along with the motion control camera track to insure solidity. "You could walk up and literally kick the set as hard as you wanted and it wouldn't budge,"

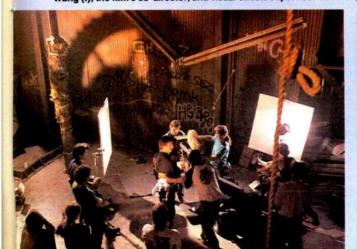
Goto.

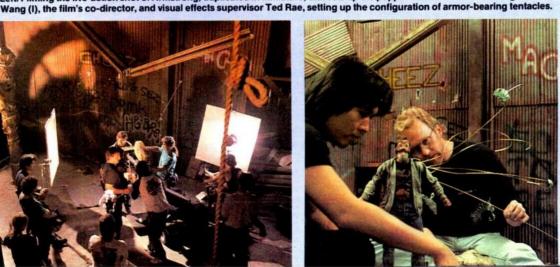
recalled Rae. "That was essential because we crawled on, off, and all over the set animating the tentacles." Though the moving camera stop-motion control element of the shot accounts for only 25% of the eight-second transformation scene, it required eight arduous

weeks of preparation. The shot begins with a closeup of the real Armstrong and then rapidly pulls back to reveal the puppet Armstrong transforming into the GUY-VER. Rae noted that the shot's biggest challenge was matching the camera moves to blend the two set-ups, a process of countless hours. "It was difficult because the perspective had to match in three dimensions since the camera was moving," said Rae. The live

continued on page 60









College student Jack Armstrong (left) undergoes his transformation into the GUYVER (above), an alien-armored, ultimate fighting machine. Armstrong is actually a detailed puppet on a one third-scale miniature set. Below: The puppet's tentacle support and motion-control rigging attached to the head.



47

### CINEMA SERIAL CLASSICS SERIALS \$29.95 ANY FOUR ONLY \$99.00

AVENUMES OF FIEX AND BINTY ADVENTURES OF THE REYNO CADETS BLACK OF SCOTLAND YARD BLATE OF SCOTLAND YARD BLATE OF SCOTLAND YARD BLATE OF SCOTLAND YARD BLATE OF SCOTLAND YARD BURN EM UP BURNES CALL OF THE SAWAGE CULTORING HAND, THE CULTERS LAST STAND BURN EM UP BURNES CALL OF THE SAWAGE CULTORING HAND, THE CULTERS LAST STAND BOEVE HORSE, THE DOK THACY DON WINSLOW OF THE HAVY FIGHTING MARRIES FIGHTING WITH KIT CARSON PLANING ROPE THE AND FIGHTING MARRIES FIGHTING WITH KIT CARSON PLANING ROPORT FLANING ROPORT, THE GREEN HOPKET, THE GREEN HORNET, THE	IIILE		HAPTERS	
ADE DRIAMANDO ADVENTURES OF FISK AND BINTY ADVENTURES OF TREATOR SILENT ADVENTURES OF THE FLYING ADVENTURES OF THE FLYING CAUETS BLACK CON, THE BLACK CON, T	A WOMAN IN GRAY	ARLINE PERRY	15	1920
ADVENTURES OF TREATMENT ALLO LINCOUN FEATURE 1921 ADVENTURES OF TREE FLYING ADVENTURES OF THE FLYING CADETS BLACK CON, THE BLACK CON SCOTLAND YARD BLANE OF SCOTLAND YARD BLANE SMAGE CALL OF THE SAWAGE CALL ST STAND DEVEL HORSE, THE DOX TRACY DON WINSLOW OF THE COAST GUARD DON WINSLOW OF THE ANY ALL OF COAST THE LINCE OF THE ANY ALL OF THE SCOTLAND AND AND ANY THE COAST GUARD DON WINSLOW OF THE ANY ALL OF THE ANY ALL OF THE COAST GUARD DON WINSLOW OF THE ANY ALL OF THE ANY ALL OF THE COAST GRAPH WITHERS THE COAST GUARD DON WINSLOW OF THE ANY ALL OF THE COAST GRAPH WITHERS THE COAST GUARD THE COA	ACE DRUMMOND	JOHN KING		
ADVENTURES OF THE RYNG CADETS BLACK CON, THE BLACK	ADVENTURES OF HEX AND HINTY ADVENTURES OF SMILIN' JACK		13	1943
EACK CON, THE  BLACK CON, THE  CALL OF THE SANAGE  CAL	ADVENTURES OF TARZAN (SLENT)	ELMO LINCOLN	FEATURE	1921
BLANE OF SECUTLAND VARD   BURN EM LUP BARNES   1937   1937   1937   1938   1937   1938   1937   1938   19	CADETS			
EURIN EM UP PARNES CALLOTTE SAYAGE CALLOTHE SA				
CALLOF THE SAVAGE CLUTCHING HAND, THE CLISTER'S LAST STAND DEVIL HORSE, THE DIOC TRACY DON WINSLOW OF THE COAST GUARD DON WINSLOW OF THE COAST GUARD DON WINSLOW OF THE NAVY DON WINSLOW OF THE NAVY PICHTISM MARINES FIGHTISM MARINES FIGHTISM MARINES FIGHTISM MARINES FIGHTISM MARINES FIGHTISM MARINES FIGHTISM WITH KIT CARSON PLAMING FRONTERS FLASH GORDON CONDUERS THE UNIVERSE GUALOPING GROST, THE GUARD GAME GROST, THE GREEN HORNET, THE GREN HORNET, THE GREEN HORNET, THE GREEN HORNET, THE GREEN HORNET, THE GREEN HORNET, THE GREN HORNET, THE GREEN HORNET, THE GREEN HORNET, THE GREN HORNET, THE GREEN HORNET, THE GREN HORNET, THE GREEN HORNET, THE	BURN EM UP BARNES			
CUSTER'S LAST STAND DEVIL LORSE, THE DEVIL LORSE, THE DEVIL TRACY DON WINSLOW OF THE COAST GUARD DON WINSLOW OF THE COAST GUARD DON WINSLOW OF THE NAVY DON TERRY TIS 1937 DON TERRY TIS 1937 THE LINIVESE FIGHTING WITH KIT CARSON FLAMING FRONTERS FLASH GORDON CONDUERS THE LINIVESE GUALDPING GHOST, THE GUARD JOHN MACK BROWN THE LINIVESE GUALDPING GHOST, THE GUARD JOHN MACK BROWN THE LINIVESE GUALDPING GHOST, THE GUARD GHOST, THE JUNIOR GHEN THE SECRET SERVICE HURRICANE EXPRESS, THE JUNIOR GHEN THE DEAD END XIDS JUNIOR GHOST JUNIOR GHEN THE CHARLES  JOHN WAYNE THE JUNIOR GHOST JUNIOR GHEN THE DEAD END XIDS JUNIOR GHEN THE CHARLES  JUNIOR GHEN THE WILD, THE JUNIOR GHOST, THE JUNIOR	CALL OF THE SAVAGE			
DEVEL HORSE, THE   HARRY CAREY   12   1932   1932   1933   1943   1943   1944   1932   1945   1946   1937   1946   1937   1947   1948				
DON WINSLOW OF THE COAST GUARD  DON WINSLOW OF THE NAVY FIGHTING MARINES FIGHTING WITH KIT CARSON PLAMING FRONTIERS FIGHTING WITH KIT CARSON PLAMING FRONTIERS THE UNIVERSE GRALL OPING GHOST, THE GANG BUSTERS GREAT ALASKIAN HYSTERY, THE GREEN HORNET, THE GREEN HORNET, THE GREEN HORNET, THE HOLT OF THE SECARET SERVICE HURRICANE EXPRESS, THE JUNIOR G-MEN OF THE ART JUNIOR G-MEN OF THE WILD KING OF THE WILD LAST FORDTER, THE LOST GITHE WILD LAST OF THE MOHICANS LUW OF THE WILD, THE LORE RANGER, THE LORE RANGER, THE LORE RANGER, THE LORE RANGER, THE LORE GREEN FROM THE LORE GREENBERT, THE LORE GREENBERT  LIGHTINING BRYDE (SILENT) LIGHTINING BRYDE (SILENT) LIGHTINING BRYDE (SILENT) LIGHT STREENBERT, THE LORE RANGER, THE LOST GITY, THE LO	DEVIL HORSE, THE	HARRY CAREY		
DON WINSLOW OF THE NATY   FIGHTING MARNIES   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   12   1933   FIGHTING WITH KIT CARSON   JOHN MACK BROWN   13   1944   JOHN MACK BROWN   15   1946   JOHN MACK BROWN   1				33.53
FIGHTING WITH KIT CARSON FIGHTING WITH KIT CAR				
FLASH GORDON CONOUERS THE UNIVERSE FLASH GORDON CONOUERS THE UNIVERSE GALLOPING GHOST, THE GALLOPING GHOST, THE GANG BUSTERS GREAT ALASKIAN MYSTERY, THE GREEN HORNET, THE GREEN HORNET, THE GREEN HORNET, THE HOLT OF THE SECRET SERVICE HURRICANE EXPRESS, THE JUNIOR GHEN OF THE AIR JUNIOR GHEN CHOOL KING OF THE WILD JUNIOR GHEN OF THE MID JUNIOR GHOST JUNIO	FIGHTING MARINES	GRANT WITHERS	12	1935
FLASH GORDON CONOUERS   THE UNIVERSE   GALLOPING GHOST, THE GALLOPING GHOST, THE GALLOPING GHOST, THE GREEN ARCHER, TH				
GAILOPING GHOST, THE GAME BUSTERS GREAT ALASKIAN MYSTERY, THE GREEN ARCHER, THE JANICH GHEN KING OF THE SECRET SERVICE JANICH GHEN KING OF THE ARR JANICH GHEN KING OF THE WALD KING OF THE MILL, THE JUST CHARLES LON CHARLES LON CHARLES LON CHARLES LON CHARLES LOST JURGLE, THE MASTER KEY, THE MAST			13	
GREAT RASKIAN INVSTERY, THE GREEN ARCHER, THE JUNIOR GAREN KING OF THE KORDOO WALTER MILLER 10 1920 WALT	THE UNIVERSE			
GREAT ALASKIAN MYSTERY, THE GREEN HORNET, THE JUNIOR GAREN OF THE ART JUNIOR GAREN OF THE ART JUNIOR GAREN OF THE ART JUNIOR GAREN KING OF THE KORNOD KING OF THE KORNOD KING OF THE WILD LAST FRONTER, THE LAST OF THE MOHICANS LAY OF THE WILD LAST FRONTER, THE LAST OF THE MOHICANS LAY OF THE WILD LAST FRONTER, THE LONE CREPORER, THE LONE RANGER RIDES AGAIN, THE LONE RANGER, THE LONE RANGER, THE LOST CITY, THE LOST CITY, THE LOST JUNIOLE, THE MISTERY KEY, THE MISTERY KOUNTAIN MYSTERY SOLIADISON MYSTERY TROOPER NEW ADVENTURES OF TARZAN OFFICER 444  CREOKON TRAIL, THE PRAILS OF PAULINE PRAINTION GREEPS, THE MISTERY MORE PROPE PRAINTION GREEPS, THE BLAUGOSI 12 1935 PRAINTION GREEPS, THE BLAUGOSI 12 1936 PRAINTION GREEPS, THE BLAUGOSI 12 1937 PRAILS OF PAULINE PRAINTION GREEPS, THE BLAUGOSI 12 1935 PRAINTION GREEPS, THE BLAUGOSI 12 1936 PRAINTION GREEPS, THE BLAUGOSI 12 1937 PRAILS OF THE WOST DOWN THE WEST OWNER, AND THE WOST OWNER				1942
GREEN HOTNET. THE HOLT OF THE SECRET SERVICE HURRICANE EXPRESS, THE JUNIOR GAMEN OF THE AIR JUNIOR GAMEN OF THE AIR JUNIOR GAMEN OF THE AIR KING OF THE WILD KING OF THE WILD LAST FRONTER, THE LAST OF THE MOHICANS LORE RANGER, THE LONE RANGER, THE LONE RANGER RICES SAGAN, THE LOST CITY, THE LOST CITY, THE LOST CITY, THE LOST CITY, THE MIRACLE RIDER, THE MYSTERY MOLINTAIN MYSTERY OF THE DOUBLE CROSS MYSTERY MOLINTAIN MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY FROOPER ROW ADVENTURES OF TARZAN OFFICER 444 CREED OF THE AIR PRAILS OF PAULINE PRAINTOM GREEPS, THE BLAUGOSI PHANTIOM GREEPS, THE BLAUGOSI SEA RAIDERS SHADOW OF CHIMATOM SOS. COAST GLIARD SOS. CAST	GREAT ALASKIAN MYSTERY, THE	RALPH MORGAN		
HURICOME EXPRESS, THE  JUNIOR GHEN OF THE AIR  JUNIOR GHEN OF THE WILD  JUNIOR GHEN OF THE WILD  JUST OF THE WILD  JUNIOR GHEN OF THE HILL  LUST FIRE WILD, THE  LUSH CHING WARRIOR, THE  LUST JUNIOLE, THE  JUNIOR GHEN OF THE AIR  MYSTERY WOLUNTAN  MYSTERY WOLUNTAN  MYSTERY WOLUNTAN  MYSTERY SOLIADRON  MYSTERY TROOPER  MEW ADVENTURES OF TARZAN  OFFICER 444  CHING  OPEGON TRAIL, THE  JUNIOR STALLION, THE  JUNIOR STALLION, THE  JUNIOR STALLION, THE  PHANTIOM GHEPPS, THE  BUAL LUGOSI  JUNIOR STALLION, THE  JUNIOR STALLION	GREEN ARCHER, THE GREEN HORNET. THE	GORDEN JONES		
JAINIDR G-MEN OF THE AIR  JAINIDR G-MEN  KING OF THE KONGO  KING OF THE KONGO  KING OF THE WILD  KING	HOLT OF THE SECRET SERVICE	JACK HOLT		
ANIOR G-MEN KING OF THE KONGO KING OF THE KINGO KING OF THE WILD LAST FRONTER, THE LAST OF THE MCHICANS LAW OF THE WILD, THE LAST OF THE MCHICANS LAW OF THE WILD, THE LAST OF THE MCHICANS LAW OF THE WILD, THE LOST CHILD THE LOST CHILD THE LONE CRENDER, THE LONE CRENDER, THE LONE RANGER RISES AGAIN, THE LONE RANGER RISES AGAIN, THE LOST CHILD, THE LOST CHILD, THE LOST CHILD, THE LOST CHILD, THE MSTER KEY, THE MIRACLE ROER, THE MINSTERY KEY, THE MIRACLE ROER, THE MINSTERY COULDED CROSS MYSTERY SOULADRON MYSTERY TROOPER NEW ADVENTURES OF TARZAN OFFICER 444  OFFICER 444  OFFICER 445  OFFICER 445  OFFICER A44  OFFICER A44  CONCELLAND MAL PAINTED STALLON, THE PERILS OF PAULINE PERILS OF PAULINE PERILS OF PAULINE PRANTOM EMPIRE PRANTOM GREEPS, THE PHANTOM GREEPS, THE PHANTOM GREEPS, THE PHANTOM GREEPS, THE PHANTOM GREEPS, THE PRANCE OF CHOST CITY RETURN OF CHANGLU ROME STALLON, THE PRANCE OF CHILD THE PROME STALLON, THE PROME STALLON THE PROME STAL				
MAITER MILLER   12   1930	JUNIOR G-MEN	THE DEAD END KIDS	12	
LAST OF THE MICHICANS  LAW OF THE WALD, THE  LOST OF THE WALD, THE  LOST CITY HE  LOR THING BYOZE (SLENT)  LIGHTHING BYOZE (SLENT)  LORE ARROBER, THE  LONE ERANGER, THE  LONE CARROBER RICES AGAIN, THE  LONE THE LOST CITY, THE  LOST CITY, THE  LOST CITY, THE  LOST JUNGLE, THE  LOST CITY, THE  LOST JUNGLE, THE  MISTERY MOLINTAIN  MYSTERY FOR THE  MYSTERY MOLINTAIN  MYSTERY SOLIADRON  MYSTERY SOLIADRON  MYSTERY SOLIADRON  MYSTERY SOLIADRON  MYSTERY TROOPER  REW ADVENTURES OF TARZAN  CFFICER 444  COREGON TRAIL, THE  PRAILS OF PAULINE  PRAINTOM GREEPS, THE  BLAUDOOS  PHANTOM OF THE WEST  COLERN OF THE JUNGLE  ROOPER AND JUNGAPP  PRAINTOM OREEPS, THE  BLAUDOOS  SOLOSAST GLIARD  SOLOS COAST				
LIGHTHING BRYCE (SILENT) LIGHTHING BRYCE (SILENT) LIGHTHING WARRIDR, THE LONE DEFENDER, THE LONE DEFENDER, THE LONE RANGER RICES AGAIN, THE LONE RANGER RICES AGAIN, THE LOST CITY, THE LOST CITY, THE LOST CITY, THE LOST JUNGLE, THE MASTER KEY, THE MIRACLE RIDER, THE MIRACLE RIDER, THE MYSTERY MOUNTAIN MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY FROOPER NEW ADVENTURES OF TARZAN CFICER 444  CREGON TRAIL, THE PARILS OF PAULINE PARILS OF PAULINE PERILS OF PAULINE	LAST FRONTIER, THE	LON CHANEY JR.	12	1932
LIGHTNING BRYCE (SILENT) LIGHTNING WARRIOR, THE LICHE RANGER RICES AGAIN, THE LICHE RANGER RICHES AGAIN, THE LICHE RANGER, THE LICHE AGAIN, THE LICHE RICHES AGAIN, THE LICHE RANGER, THE LICHE AGAIN, THE LICHE RICHES AGAIN, THE LICHE AGAIN, THE LICHE AGAIN, THE MASTER KEY, THE MASTE				
IONE DEFENDER THE	LIGHTNING BRYCE (SILENT)	JACK HOXE	15	1919
LONE RANGER RICHES AGAIN, THE LONE RANGER, THE LONE RANGER, THE LOST CITY, THE LOST CITY, THE LOST LINGLE, THE MASTER KEY, THE MIRACLE RIDER, THE MISTERY MOUNTAIN MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY TROOPER ROBERT FRAZER NEW ADVENTURES OF TARZAN COFFICER 444  COREGON TRAIL, THE OVERLAND MAIL PAINTED STALLION, THE PERILS OF PAULINE PERILS OF OF MAINTEN PERILS OF PAULINE PERILS OF OF MAINTEN PERILS OF PAULINE PERILS OF PAULINE PERILS OF OR MISTERY PERILS OF PAULINE PERILS OF PAULI				
LOST CITY, THE  LOST JUNGLE, THE  MASTER KEY, THE  MASTER KEY, THE  MIRACLE RIDER, THE  MISTERY KOUNTAIN  MYSTERY FOUNDEL CROSS  MOUSE KING  LECK BARRY  15  1933  MOUSE KING  LECK BARRY  15  1935  MOUSE KING  LECK BARRY  15  1936  MUSCON  N LEERBER  10  1936  1947  PERL SOF PAUL NIE  204 LONG  MOUSE ALL UNGOS  12  1937  MOUSE MOUSE CON LECK  MALA  1936  MOUSE MOUSE CON LEPPEN  LECK BARRY  15  1937  MOUSE MOUSE MOUSE  16  1937  MOUSE MOUSE MOUSE  17  17  17  17  17  17  17  17  17  1				
COST JUNGLE, THE   CLYDE BEATTY   12   1934				
MASTER KEY, THE  MIRACLE ROPER, THE  MIRACLE ROPER, THE  MYSTERY MOUNTAIN  MYSTERY OF THE DOUBLE CROSS  MYSTERY OF THE DOUBLE CROSS  MYSTERY SOUADRON  MYSTERY TROOPER  NEW ADVENTURES OF TARZAN  OFFICER AND  OFFICER  OFFICER AND  OFFICER  OFFICER AND  OFFICER  OFFICER AND  OFFIC				
MYSTERY MOUNTAIN MYSTERY OF THE DOUBLE CROSS MYSTERY SOLUDIDE CROSS MYSTERY THOOPER NEW ADVENTURES OF TARZAN OFFICER 444  COFFICER 444  COFFICER 445  COFFICER 445  COFFICER 446  COFFICER	MASTER KEY, THE	MILBURNE STONE		
MYSTERY SOLIADRON MYSTERY SOLIADRON MYSTERY TROOPER MYSTERY TO BE STELLE MY CRASH CORRIGAN MYSTERY MYSTER MYSTER MYSTERY MYSTER MYSTERY MYSTER MYSTER MYSTERY MYSTER M				
MYSTERY SOLIADRON MYSTERY PROOPER NEW ADVENTURES OF TARZAN NEW ADVENTURES NEW ADVENTURES NEW ADVENTURES NEW ADVENTURES NEW ADVENTURES NEW ADVENTURES NEW ADVENTURE NEW	MYSTERY OF THE DOUBLE CROSS	MOLE KING		
MYSTERY TROOPER  NEW ADVENTURES OF TARZAN  OFFICER 444  OREGON TRAIL, THE  OVER, AND MAL  PRANTED STALLON, THE  RAY "CRASH" CORRIGAN  PERLS OF PAULINE (9 CHAP. AVAL) PEARL WHITE  PHANTOM GREEPS, THE  PHANTOM GREEPS, THE  PHANTOM OF THE WEST  OUBLE OF THE AUGUST  PHANTOM OF THE WEST  OUBLE OF THE AUGUST  RADDAR MEN FROM THE MOON  RADDERS OF GHOST CITY  RETURN OF CHANDU  BELALUGOSI  12  1930  PHANTOM OF THE WEST  OUBLE OF THE AUGUST  RADDAR MEN FROM THE MOON  RADDERS OF GHOST CITY  RETURN OF CHANDU  BELALUGOSI  12  1935  RADDAR MEN FROM THE MOON  RADDERS OF GHOST CITY  DENNIS MOORE  13  1944  RETURN OF CHANDU  BELALUGOSI  12  1935  RADDAR MEN FROM THE MOON  RADDERS OF GHOST CITY  DENNIS MOORE  13  1944  RETURN OF CHANDU  BELALUGOSI  12  1935  RADDAR MEN FROM THE MOON  RADDERS OF GHOST CITY  DENNIS MOORE  13  1944  RETURN OF CHANDU  BELALUGOSI  12  1937  ROBINSON CRUSCO OF CLIPPER  ISLAND  SOJO, SCAST GUARD  MALA  14  1936  SOJO, SCAST GUARD  MALA  14  1937  ROBINSON CRUSCO OF CLIPPER  ISLAND  SHADOON OF THE EAGLE  SIGN OF THE WOLF  SIY RADDERS  THE DEAD END KIDS  12  1941  THE DEAD END KIDS  19  1941  THE DEAD END KIDS  19  1932  SIGN OF THE WOLF  SIY RADDERS  THE DEAD END KIDS  19  19  19  19  19  19  19  19  19  1	MYSTERY SOLIADRON			
OFFICER 444    DEN WILSON   N. BERBER   10   1925	MYSTERY TROOPER	ROBERT FRAZER		1931
OREGON TRAIL THE JOH MACK BROWN 15 1939 OVERLAND MAL THE JOH MACK BROWN 15 1939 OVERLAND MAL IN COMMANDER JR 15 1942 PAINTED STALLION, THE RAY "CRASH" CORRIGAN 12 1937 PERILS OF PAIL INE (8 CHAP. AVAL) PEARL WHITE 8 1914 PERILS OF PAIL INE (8 CHAP. AVAL) PEARL WHITE 8 1914 PERILS OF PAIL INE (8 CHAP. AVAL) PEARL WHITE 1934 PHANTION EMPINE EVEL IN INAMP 12 1935 PHANTION EMPINE GENE AUTRY 12 1935 PHANTION OF THE WEST TOM TYLER 10 1930 OLIEN OF THE JUNGLE REED HOWES 12 1935 RADAR MEN FROM THE MOON GROGE WALLAGE 12 1935 RADAR MEN FROM THE MOON GROGE WALLAGE 12 1935 RADAR MEN FROM THE MOON GROGE WALLAGE 12 1935 RADAR SO F OEATH VAILLEY DICK FORAN 15 1941 RETURN OF CHANDLU BELA LUGOSI 12 1937 ROBINSON CRUSCO OF CLIPPER MALA 14 1936 SO.OLS COAST GUARD RALPH BYRD 12 1937 SOOUTS TO THE RESCUE JACKE COOPER 12 1939 SEA RADERS THE JOHN WAYNE 12 1932 SIGN OF THE WOLF SHADOW OF CHINA TOWN BELA LUGOSI 15 1936 SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF THE WOLF SHADOW OF CHINA TOWN BLA LUGOSI 15 1935 SIGN OF CHINA TOWN BLA LUGOSI 15 1			12	1935
OVERLAND MAL PAINTED STALLON, THE RAY "CRASH" CORRIGAN 12 PERILS OF PAULINE 19 CHAP. AVAIL PEARL WHITE PHAINTOM CREEPS, THE EVELYN KINAPP 12 1934 PHAINTOM EMPRE PHAINTOM EMPRE PHAINTOM EMPRE PHAINTOM FITE WEST OLIER OF THE JUNGLE RADAR MEN FROM THE MOON RADERS OF GHOST CITY RED HOWES R	100 000 000 000 000 000 000 000 000 000	N. BERBER		
PAINTED STALLON, THE PRILS OF PAILINE IS CHAP. AVAIL PEARL WHITE PRILS OF PAILINE IS CHAP. AVAIL PEARL WHITE PRIANTOM GREEPS, THE PRIANTOM FIRE WEST CUEEN OF THE JUNGLE REDE HOWES  ROUBEN OF THE JUNGLE REDE HOWES  ROUBEN OF THE JUNGLE REDE HOWES  ROUBEN OF THE JUNGLE RED HOWES  ROUBEN OF GHOST CITY DENIS MOORE  RETURN OF CHANICU ROUBEN OF GHOST CITY DENIS MOORE  RETURN OF CHANICU ROUBEN OF CLIPPER ISLAND SO.S. COAST GUARD RALPH BYRD  SOUTS TO THE RESCUE JACKE COOPER  SEA RAIDERS SEA RAIDERS THE DEAD END KIDS  SEA RAIDERS THE DEAD END KIDS  SIGN OF THE WOLF SIY RAIDERS THE DEAD END KIDS  TARZAN THE YOR  SIY RAIDERS THE DEAD END KIDS  THE SIY RAIDERS THE DEAD END KIDS  THE SIY RAIDERS THE DEAD END KIDS  THE SIY RAIDERS THE WOLF  SIY RAIDERS THE MUSKETEERS, THE JOHN WAYNE  LINCERSEA KINGDOM  VANISHING LEGON, THE  WISHERS SHADOW, THE  WISHER	OREGON TRAIL, THE			
PERLS OF PAULINE PHANTOM GREEPS, THE PHANTOM OF THE WEST OUEEN OF THE JUNGLE RODAM MEN PROM THE MOON RADERS OF BOATH THE MOON RADERS OF DEATH VALLEY ROBINSON CRUSCOE OF CLEPPEN ISLAND S.O.S. COAST GUARD SO.S. COAST GUARD SO.S. COAST GUARD SO.S. COAST GUARD SO.S. COAST GUARD SOLUTS TO THE RESCUE SEA RADERS SHADOW OF CHINA TOWN SHADOW OF THE EAGLE SIGN OF THE WOLF THERE MUSKETEERS, THE UNDERSEA KINGDOM VANISHING LEGON, THE VIGIL ANTES ARE COUNING, THE VIGIL ANTES ARE COUNING, THE WISHERS SHADOW THE WEST WOLF DOG, THE WEST WOLF DOG, THE WEST WOLF DOG, THE WISH WINNERS OF THE WEST WOLF DOG, THE WOLF GREEN RAY RADERS RAY RADERS RAY RADERS DOMALD WOODS  RAY PROBLEMS RAY CORAST CORRIGAN 12 1933 PAY CORAST CORRIGAN 13 1944 ROY CORAST CORRIGAN 15 1925 ROY CORAST CORRIGAN 16 1935 RAY CORAST CORRIGAN 17 1936 RAY TORRIGAN 18 1936 RAY CORAST CORRIGAN 1936 RAY CORAST CORRIGAN 1936 RAY CORAST CORRIGAN 1933 VOUNISHING SHADOW, THE WOLF DOG, THE JUNG CORRIGAN 1937 JOHN CARROLL 1937	PAINTED STALLION, THE	RAY "CRASH" CORRIG	AN 12	1937
PHANTOM CREEPS, THE   BELALUGOSI   12   1939   PHANTOM EMPRE   GENE AUTRY   12   1935   PHANTOM FITHE WEST   TOM ITYLER   10   1930		PEARL WHITE		
PHANTOM OF THE WEST OULEN OF THE JUNGLE RADAR MEN FROM THE MOON RADERS OF GHOST CITY RETURN OF CHANDU RECERS OF CHANDU RECERS OF DEATH VALLEY ROBINSON CRUSCO OF CLEPPER ISLAND SOS. COAST GUARD SCA RADERS SCA RADERS SEA RADERS SEA RADERS SEA RADERS SHADOW OF THE EAGLE SIGN OF THE WOLF SIY RADERS THE DEAD END KIDS SIY RADERS SON COAST GUARD SHADOW OF THE EAGLE SIGN OF THE WOLF SIY RADERS THE DEAD END KIDS SIY RADERS SON COAST GUARD SHADOW OF THE EAGLE SIGN OF THE WOLF SIY RADERS THE DEAD END KIDS SIY RADERS SIGN OF THE WOLF SIY RADERS THE DEAD END KIDS SIY RADERS SIGN OF THE WOLF SIY RADERS SIY RADERS THE DEAD END KIDS SIY BY SIY RADERS SIY RADERS SIY RADERS SIY RADERS THE DEAD END KIDS SIY BY SIY RADERS SIY RADERS SIY RADERS SIY RADERS THE WOLF SIY RADERS THE DEAD END KIDS SIY BY SIY RADERS SIY RADERS SIY RADERS SIY RADERS THE WOLF SIY RADERS THE WOLF SIY RADERS THE GEAD END KIDS SIY BY SIY RADERS SIY RADERS SIY RADERS THE WOLF SIY RADERS SIY RADERS THE BEAL SIY SIY SIY CRASSI'S CORRIGAN SIY CRASSI	PHANTOM CREEPS, THE			1939
QUIEN OF THE JUNGLE RADAR MEN FROM THE MOON RADAR MEN FROM THE MOON RADERS OF GHOST CITY RETURN OF CHANDLY RETURN OF CHANDLY ROBINSON CRUSCO OF CLIPPER SLAND S.O.S. COAST GUARD SO.S. COAST GUARD SO.S. COAST GUARD SO.S. COAST GUARD SO.S. COAST GUARD SOLTS TO THE RESCUE SEA RADERS SEA RADERS SHADOW OF CHINA TOWN SHADOW OF CHINA TOWN SHADOW OF CHINA TOWN SHADOW OF THE EAGLE SIGN OF THE WOLF SIGN OF THE WOLF THERE MUSKETEERS, THE UNDERSEA KNODOM VANISHING LEGON, THE UNDERSEA KNODOM VANISHING LEGON, THE VIGILANTES ARE COUNING, THE VICILANTES ARE COUNING, THE VICILANTES ARE COUNING, THE VICILANTES ARE COUNING, THE VI				
RADERS OF GHOST CITY RETURN OF CHANDU RE				
RECIBIN OF CHANDU  RICERS OF DEATH VALLEY ROBINSON CRUSCO OF CLIPPER ISLAND SO.S. COAST GUARD SO.S. COAST GUARD SOUTS TO THE RESCUE SEA RAIDERS THE DEAD END KIDS SHADOW OF CHINA TOWN SHADOW OF THE EAGLE SIGN OF THE WOLF SIY RAIDERS TO DONALD WOODS TARZEN THE TIGER THERE MUSKETEERS, THE UNDERSEA KINGDOM RAY ORASH CORRIGAN THE FRANK MERRIL THE MUSKETEERS, THE UNDERSEA KINGDOM RAY ORASH CORRIGAN THE VIGER THERE MUSKETEERS, THE UNDERSEA KINGDOM RAY "CRASH" CORRIGAN THE VIGER THAN MERRIL THE VIGER THAN MERRIL THE VIGER THAN MERRIL THE WISKETEERS, THE THE MUSKETEERS, THE THE MUSKETERS, THE THE MUSKETEERS, THE THE MUSKETEERS, THE THE MUSKETEERS,	RADAR MEN FROM THE MOON			
ROBINSON CRUSOE OF CLEPPER ISLAND  SOS COAST GUARD  SOLUTS TO THE RESCUE  SHADOW OF CHINA TOWN  SHADOW OF CHINA TOWN  SHADOW OF CHINA TOWN  SHADOW OF THE EAGLE  SHADOW OF THE EAGLE  JOHN WAYNE  SIGN OF THE WOLF  HARRY CARSIT CORRIGAN  SIGN OF THE WOLF  WINDERSEA KINDDOM  RAY "CRASIF CORRIGAN 12  SIGN OF THE WEST  WINDERS OF THE WEST  WOLF DOG, THE  WINDERS OF THE WEST  WOLF DOG, THE  SIGN OF THE WEST  SIGN OF THE WOLF  SIGN OF THE WEST  SIGN OF THE WOLF  SIGN O	RETURN OF CHANDU			1934
ISLAND SOS COAST GUARD SOS COAST GUARD SOS COAST GUARD SOCUTS TO THE RESCUE SEA RAIDERS SEA RAIDERS SEA RAIDERS SHADOW OF THE EAGLE SIGN OF THE WOUF SIY RAIDERS SOW OF THE WOUF SIY RAIDERS SOW RAIDERS SOW RAIDERS SOW OF THE EAGLE SIY RAIDERS SOW RAIDERS SOW RAIDERS SOW RAIDERS SOW RAIDERS THREE MUSKETEERS, THE UNDERSEA KINGOOM VANISHING LEGION, THE HARPY CARREY VOILS OF THE WEST WOLF DOG, THE VOIL OF THE WEST WOLF DOG, THE VOUND EAGLES JIM VANCE 12 1933 RAIDERS 12 1935 VOUND EAGLES JIM VANCE 12 1936 VOUND EAGLES JIM VANCE 12 1937	RIDERS OF DEATH VALLEY	DICK FORAN	15	1941
S.O.S. COAST GUARD SOURS TO THE RESCUE SCALE COOPER 12 1937 SEA RAIDERS SEA RAIDERS SHADOW OF CHINA TOWN SHADOW OF THE EAGLE SIGN OF THE WOLF SIGN OF THE WOLF SIGN OF THE WOLF TARZAN THE TIGER UNDERSEA KINGDOM VANISHING LEGION, THE UNDERSEA KINGDOM VANISHING LEGION, THE WIGH AMTES ARE COMING, THE WIGH AMTES ARE COMING, THE WISHERS SHADOW, THE WHISHERING SHADOW, THE WISHERS SHADOW, THE WISHERS SHADOW, THE WISHERS SHADOW, THE WOLF DOG, THE WOLF DOG, THE VOUN E AGALES JIM VANCE 12 1933 VOUNG EAGLES JIM VANCE 12 1937		MALA	14	1936
SEA RAIDERS	S.O.S. COAST GUARD			
SHADOW OF CHINA TOWN SHADOW OF THE EAGLE JOHN WAYNE 12 1932 SIGN OF THE WOLF REX LEASE 10 1931 SIY RAIDERS DONALD WOODS TARZAN THE TIGER THARK MERRIL 15 1923 THERE MUSIKETEERS, THE UNDERSEA KNGDOM RAY "CRASH" CORRIGAN 12 1933 VAINSHING LEGON, THE HARRY CAREY VIGLANTES ANE COMING, THE WHISPERING SHADOW, THE WINDERSO FTHE WEST WINNERS OF THE WEST VOLF DOG, THE THARK THARK VOLF DOG, THE RINTEN THIN THE YOUNG EAGLES JIM VANCE 12 1934 207ROS BLACK WHP GEORGE J LEWS 12 1937 207ROS BLACK WHP GEORGE J LEWS 12 1937				
SIGN OF THE WOLF SKY RAIDERS DONALD WOODS 1941 TARZAN THE TIGER THERE MUSKETEERS, THE UNDERSEA KINGDOM RAY "CRASH" CORRIGAN 12 1933 VANISHING LEGION, THE WISHERING SHADOW, THE WINSPERING SHADOW, THE WINNERS OF THE WEST WOLF DOG, THE YOUNG EAGLES JIM VANCE 20RIOS BLACK WHP GEORGE J LEWS 10 1931 1933 1940 1933 1940 1934 20RIOS BLACK WHP GEORGE J LEWS 12 1937	SHADOW OF CHINA TOWN	BELALUGOSI	15	
SYY PAIDERS ODNALD WOODS 1941 TARZAM THE TIGER FRANK MERRIL 15 1929 THEE MUSKETEERS, THE JUNN WAYNE 12 1933 UNDERSEA KINGDOM PARY CRASH CORRIGAM 12 1936 WANISHING LEGION, THE HARRY CAREY 12 1931 WINGSHERD SHADOW, THE BLALLIDGOSI 12 1936 WINNERS OF THE WEST DICK FORM 13 940 WOLF DOG, THE RIN-TEN-TM JR 12 1933 VOUND EAGLES JIM VANCE 12 1934 ZORROS BLACK WHP GEORGE J LEWIS 12 1943 ZORROS BLACK WHP GEORGE J LEWIS 12 1944				
THREE MUSIKETEERS, THE   JOHN WAYNE   12   1933   1945   1955	SKY RAIDERS	DONALD WOODS	14	1941
UNICERSEA KINGDOM VANISHING LEGIDN, THE VIGILANTES ARE COMING, THE WHISPERING SHADOW, THE WHISPERING SHADOW, THE WHISPERING SHADOW, THE WHINERS OF THE WEST WOLF DOG, THE RIN-TIN-TIN-JR 12 1933 VOLF DOG, THE RIN-TIN-TIN-JR 12 1933 VOLF DOG, THE VOLF DOG,				
VANISHING LEGION, THE VIGLANTES ARE COMING, THE WHISPERING SHADOW, THE WINNERS OF THE WEST WOLF DOG, THE FOR SHADOW, THE WOLF DOG, THE FOR SHADOW, THE RINTHN'TH JR. 12 1933 YOUNG EAGLES JIM VANCE 12 1934 ZORROS BLACK WHIP GEORGE J LEWIS 12 1944	UNDERSEA KINGDOM	RAY "CRASH" CORRIG	AN 12	1936
WHISPERING SHADOW, THE         BELA LUGOSI         12         1933           WINNERS OF THE WEST         DICK FORAN         13         8940           WOLF DOG, THE         RIN-TRN-TN JR.         12         1933           YOUNG EAGLES         JIM VANCE         12         1934           ZORROS BLACK WHP         GEORGE J LEWIS         12         1934	VANISHING LEGION, THE			
WINNERS OF THE WEST DICK FORM 13 .840 WOLF DOG, THE RIN-TIN-TIN JR. 12 .1933 YOUNG EAGLES JIM VANCE 12 .1934 207ROR BLOCK MAIP GEORGE J. LEWIS 12 .1937 207ROS BLACK WHIP GEORGE J. LEWIS 12 .1944	WHISPERING SHADOW, THE	BELA LUGOSI	12	1933
YOUNG EAGLES         JIM VANCE         12         1934           20RPO RIDES AGAIN         JOHN CARROLL         12         1937           20RPO'S BLACK WHIP         GEORGE J. LEWIS         12         1944	WINNERS OF THE WEST	DICK FORAN		
ZORRO RIDES AGAIN JOHN CARROLL 12 1937 ZORRO'S BLACK WHIP GEORGE J. LEWIS 12 1944	YOUNG EAGLES	JIM VANCE	12	1934
	ZORRO RIDES AGAIN			

#### MASTER CARD & VISA CREDIT CARDS ARE ACCEPTED ON ALL ORDERS

- On credit cord orders:

  1. Include your name and all information exactly as it appears on your credit card, or send a pencil rubbing.

  2. All orders must be sent to your billing address. We verify this information for your protection.

  3. Postage and insurance changes will be added to your purchase

Phone (818) 353-8591 P.O. BOX 547, TUJUNGA, CA. 91043

ALL TITLES IN STOCK -PLEASE SPECIFY WIS OR BETA -ALL SERIALS BEFORE 1929 ARE SLENT WITH A MUSICAL ACCOMPANIMENT - WE HAVE GONE TO GREAT EXPENSE TO OBTAIN THE BEST MASTERS AVAILABLE - DUE TO RARITY AND TECHNOLOGY OF THE TIME, CUALITY WILL VARY - ALL SERIALS ARE TAPED ON CUALITY VIDEO TAPE, IN THE TWO HOUR MODE (FOR THE BEST ARE NOT THE PUBLIC DOMAIN - EACH SERIAL CONSISTS OF 2 CASSETTES HOUSED IN A DELUXE PROTECTIVE HOLDER.

#### **GUYVER EFFECTS**

continued from page 47

action was filmed at six frames per second with Armstrong lip-syncing to a prerecorded dialogue track run at one-quarter speed. The changeover frames between live and puppet footage were streaked and dissolved optically. "If you know that the effect is coming, it is by no means perfect," said Rae, "but Steve designed such a dynamic shot that you're too busy picking your jaw off the floor to worry about how it was done.

Lighting the miniature for animation proved to be a challenge even with the meticulous notation of light positions and filters during the live-action shoot. "You can't miniaturize light," said Rae, "only its effect on objects. Where seven lights were used for the live action set-up, I had to use twenty-three different lighting units to duplicate the same effect in miniature. Since my shooting area was only nineteen feet wide, it didn't leave much room to put lights where they needed to be in scale to the live-action. For instance, if a light was sitting five feet from the actor, that equivalent would only be a foot and a half from the puppet, meaning that once the camera pulls back a scaled equivalent of 18 feet, it would be in the shot. In some cases it actually took three lights on the miniature to do what one unit accomplished on the set because the units had to be set farther back and their beams narrowed and overlapped to get them to read like the live-action.'

Goto sculpted the fourteen pieces of miniature body armor based on the full-size suit designed and sculpted by co-director Steve Wang. The miniature pieces were vacuformed out of paper-thin styrene to facilitate near weightlessness and painted to duplicate Wang's stylized paint designs.

"Steve had a specific pattern he wanted the tentacles to emulate in the extended position, sort of like a butterfly's outstretched wings,' said Rae. "I thought the best way to accomplish this was to place them in the end position and animate backwards, which I had done for a couple of shots in BEETLEJUICE." After testing various solutions, Rae finally settled on using lengths of brass rod anchored into a machined, fan-shaped collar behind the puppet. With each frame of animation, Goto's body armor was animated backward along a pre-calibrated path described by the tentacle shape, and the protruding rods snipped off. "In all it took only ten hours with the help of another animator to record the animation," said Rae. "We got it on the first take. So all the homework really paid off."

